DOCUMENT RESUME

ED 157 649 RC 010 607

AUTHOR	Cosby, Arthur G., Comp.; Wetherill, G. Richard, Comp.
TITLE	Resources in Evaluation for Rural Development. A Bibliography. SRDC Bibliography Series #2.
INSTITUTION	Southern Rural Development Center, State College, Miss.
SPONS AGENCY	Rural Development Service (DOA), Washington, D.C.
PUB DATE	Aug 77
NOTE	100p.; Best copy available
AVAILABLE FROM	Southern Rural Development Center, Box 5406, Mississippi State, Mississippi 39762 ($3.00)
EDRS PRICE	MF-$0.83 HC-$4.67 Plus Postage.
DESCRIPTORS	*Annotated Bibliographies; Bibliographies; Case Studies; Community Leaders; Community Satisfaction; Decision Making; Definitions; Ethics; *Evaluation Criteria; *Evaluation Methods; Models; *Program Evaluation; *Quality of Life; *Rural Development; Skill Development

ABSTRACT

One of a series of bibliographies prepared by research Functional Networks for the Southern Rural Development Center, this bibliography of literature on rural development program evaluation consists of substantially more than 500 citations, the majority works of the 60's and 70's. Drawn from an earlier simple listing of more than 1,500 entries, this publication narrows citations to those most relevant for the rural development program evaluator. Specific attention is given to evaluation of rural development programs noneconomic in nature--those designed to raise overall quality of life, level of living, life satisfaction, knowledge, and acquisition of leadership and decision-making skills by rural residents. An annotated section of more than 200 entries is divided into 6 major categories: major sources (particular emphasis on evaluation, criteria setting (with numerous evaluation models and critiques of models), strategies of evaluation--methodology, evaluative research and the evaluator's responsibilities (including politics and ethics of evaluation), and an unannotated research in progress. The second section lists additional references categorized in a similar fashion and with addition of a category for case studies under strategies for evaluation. (RS)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

Resources in Evaluation for Rural Development

BEST COPY AVAILABLE

ED157649

RC 010607

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

William M. Linder
SRDC

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) AND USERS OF THE ERIC SYSTEM."

Rural Development Bibliography Series No. 2

Southern Rural Development Center

FOREWORD

This bibliography represents the results of extensive research by the SRDC Functional Network on Evaluation and Rural Development. Headed by Dr. Arthur G. Cosby and Dr. G. Richard Wetherill, of Texas A&M University, the Network has been in operation since June 1975, examining available research literature for a comprehensive overview of this topic.

The Functional Network developed by the SRDC brings regional participation to the task of developing a base of knowledge for rural development programs and activities. A Network focuses its attention on a limited area in order to produce practical results and recommendations. Program evaluation is widely recognized as a research activity which can contribute to rural development both by assessing the effectiveness of ongoing programs and by suggesting ways to improve programs.

Dr. Cosby serves as the SRDC Center Associate in charge of the Network. Its members represent many organizations and institutions across the South. These professionals and educators contribute a diversity of points of view.

Nine other Functional Networks have been formed in this effort to inventory the current state of knowledge in high-priority areas of rural development. Organized by the SRDC and funded through CSRS, the bibliographies they have prepared are being published by the SRDC as the first of a series of publications--information sheets, research reports, professional information documents. In addition, Network members will participate in workshops to disseminate and interpret their information to rural development practitioners in the region.

The Southern Rural Development Center, one of four such centers in the nation, focuses on specific rural development problems of the region. It serves the thirteen southern states and Puerto Rico by developing knowledge essential to rural development and by providing technical consultation where needed.

The SRDC is jointly sponsored by Mississippi State University and Alcorn State University. Its clientele is the Research and Extension staffs of the 27 land-grant institutions with rural development of community resource development responsibilities.

William W. Linder
Director

A Bibliography

RESOURCES IN EVALUATION FOR RURAL DEVELOPMENT

Dr. Arthur G. Cosby and Dr. G. Richard Wetherill

Texas A&M University
Co-Chairpersons
SRDC Functional Network

Mr. Dean E. Barrett	of	Oklahoma State University
Dr. Lawrence Clinton		East Texas State University
Dr. Harold Crawford		Evaluator-at-Large
Ms. Myrna Hoskins		Texas A&M University
Mr. Howard Ladewig		North Carolina State University
Dean Freddie Richards		Prairie View A&M University
Dr. Andres Steinmetz		University of Virginia
Dr. Gerald C. Wheelock		Alabama A&M University

This bibliography is the product of an SRDC Functional Network chaired at Texas A&M University. A contractual agreement between the SRDC, Texas A&M University, and the Cooperative State Research Service of the U. S. Department of Agriculture provided for this participation and cooperation.

One of a series of bibliographies prepared by research Functional Networks for the Southern Rural Development Center, Mississippi State, Mississippi.

SRDC Bibliography Series #2

$3.00

TABLE OF CONTENTS

Foreword..... i

Acknowledgements..... iv

Introduction to the Bibliography..... 1

Selected Annotated References

I Major Sources..... 6

IIA Definitions of Rural Development..... 14

IIB Definitions of Evaluation..... 16

III Criteria-Setting..... 19

IV Strategies of Evaluation--Methodology..... 28

V Evaluation Research Responsibilities..... 32

VI Research in Progress..... 38

Additional References

I Major Sources..... 48

IIA Definitions of Rural Development..... 50

IIB Definitions of Evaluation..... 56

III Criteria-Setting..... 61

IVA Strategies for Evaluation--Methodology..... 67

IVB Strategies for Evaluation--Case Studies..... 75

V Evaluation Research Responsibilities..... 86

The Board of Directors, SRDC..... 91

The Functional Networks of the SRDC..... 92

ACKNOWLEDGEMENTS

Bibliographic research is paramount if an area of substantive knowledge is to advance. The savings in effort and time a researcher reaps in having available comprehensive listings of relevant theoretical and conceptual essays, research reports, position papers, and other needed documents compensates for the laborious activity. This is especially the case when working in an emerging area such as evaluation research where the major references are scattered throughout the literature of numerous disciplines. Historically bibliographic research has been relegated to a lower-order priority in our research enterprise and, consequently, we often risk needless waste of scarce resources through duplication. All too often researchers rush into the field to unintentionally "re-invent the wheel".

Although there is widespread recognition of the necessity of thorough bibliographic work, financial support and personal commitment are often difficult to obtain. Consequently particular recognition is due the Southern Rural Development Center (SRDC), the Texas Agricultural Experiment Station and the Cooperative State Research Service (CSRS) for providing the financial support and encouragement which makes this effort possible.

At a more personal level, appreciation is expressed to Dr. William Linder of SRDC and Dr. Ed Moe of CSRS who contributed to the Network not only as Administrative Advisors but also more importantly as good research colleagues. Special recognition is also given to the members of the Network for providing guidance in the development of this bibliography and for their more general contributions to the project, "A Synthesis of Evaluative Research Literature for Rural Development in the Southern Region." Most important of all are the bibliographers who have spent long and tedious hours in the stacks, often searching for truly "fugitive" reports. Ms. Myrna Hoskins, Ms. Marilyn Magee, Ms. Laura Grayburn and Ms. Amy Scurlock have earned our sincere gratitude for their considerable accomplishments as bibliographers. Appreciation is also expressed to Ms. Kathy Oeffinger and especially to Ms. Karen Reece who strained even her bionic fingers typing the second, third and fourth drafts of this bibliography.

RESOURCES IN EVALUATION FOR RURAL DEVELOPMENT

Introduction to the Bibliography

by

Arthur G. Cosby, Myrna Hoskins and G. Richard Wetherill
Texas A&M University

Introduction

There has been a growing national concern with evaluation and program accountability that extends to rural development. The social scientists who perform the roles of program evaluator or developer must address the issue of accountability and evaluation. Rural development has special difficulties in addressing this concern. There has been no systematic attempt to assemble and synthesize those non-economic evaluations related to previously conducted rural development activities. Likewise, there has been no systematic effort to identify those specific sources on methods, measurements, and techniques that would be of high utility to the evaluator. Therefore, since there appears to be a serious gap with regard to rural development program evaluation, and since evaluation is becoming a requirement for programs utilizing federal funds, it seems quite urgent that a refinement and synthesis of rural development and program evaluation literature be accomplished.

It is a major goal of the Southern Rural Development Center project entitled "A Synthesis of Evaluative Research Literature for Rural Development in the Southern Region" to systematically assemble and synthesize those evaluations related to previously conducted rural development activities, specifically those which are primarily non-economic in nature, such as evaluations of programs designed to raise the overall quality of life, level of living, life satisfaction, knowledge, and acquisition of leadership and decision-making skills of rural residents.

Since the beginning of this project in June 1975, its major goals have stressed the accomplishment of: (1) a synthesis of existing evaluative research literature in the area of rural development, (2) the extraction of those principles and procedures which will have utility for rural development evaluation in terms of existing programs and the planning and evaluation of future programs, and (3) the development of sets of annotated bibliographies. Activities have proceeded in a cumulative manner beginning with computerized and library searches and the use of knowledgeables in the field, a synthesis of the gathered literature, and a series of publications, of which this is the second containing bibliographies. The first was a document A Synthesis of Evaluation Research Literature in the Southern Region (Texas Agriculture Experiment Station, Department Information Report No. 76 - 4) that was a simple listing of references produced from our earlier searches. This second bibliography represents an attempt to improve the first list by providing: (1) selected annotations, (2) an improved classification

of entries and (3) fewer but more useful references. In this second document we have selected what we feel are the 500 (approximately) most relevant manuscripts for the benefit of the rural development program evaluator--a task accomplished by sifting through more than three times that number of manuscripts initially tapped for this purpose.

The annotated section of this bibliography is divided into six major subject categories, one of which is further subdivided. This seemed to be the most useful, concise manner in which to present so numerous a group of references without including an elaborate index, which would prove as lengthy as the manuscript itself. For purposed of clarification, a brief description of each of the divisions is given below:

I. MAJOR SOURCES: selected books, articles, and annotated bibliographies dealing with many areas of evaluation, with particular emphasis on evaluative research methodology.

IIA. DEFINITIONS OF RURAL DEVELOPMENT: books, articles, and manuscripts concerning the delimitations of rural development problems, as well as rural development per se; literature also focusing on the subject area "rural development" should include alternatives to rural development and the future of rural development action and research.

IIB. DEFINITIONS OF EVALUATION: manuscripts, primarily journal articles, concerned with the philosophy behind and the defining of "evaluation"; subjects include evaluation methodology, discussions on the function and utility of evaluation, and reasons for evaluation.

III. CRITERIA-SETTING: manuscripts focusing on the determination of rural development program and program evaluation goals, the determination of program "success"; also included are numerous evaluation models and critiques of models.

IV. STRATEGIES OF EVALUATION--METHODOLOGY: manuscripts, primarily journal articles and unpublished professional papers, which examine various types of evaluation methodologies, strategies, and procedures; also includes discussions on the applicability of various evaluation models and methodologies and the utility of several information sources as regards evaluative research literature.

V. EVALUATIVE RESEARCH AND THE EVALUATOR'S RESPONSIBILITIES: manuscripts concerned with the reporting of evaluative research and the climate in which it is received, the politics of evaluation, and the paucity of published rural development program evaluations; also includes discussions on the ethics of evaluation.

VI. RESEARCH IN PROGRESS: research reports which provide information regarding ongoing research in rural development and evaluation.

Access to Cited Materials*

It is recognized that many potential users of this bibliography may not have immediate access to major libraries and other sources of the materials cited. Therefore, for those who do not, and those who may not be aware of means of obtaining them, some suggestions may be useful.

1. Books

   a. To purchase: Write to the publisher or contact a major book-seller who has catalogs of books in print which are available from major publishers. The exact address of the publisher can ordinarily be obtained from any local library. In addition, people with access to major libraries may be able to provide single photo-copies of portions of books at nominal cost.

   b. To borrow: Contact your Extension Community Resource Development Specialist staff or the Department of Rural Sociology or the Department of Agricultural Economics of your state university's college(s) of agriculture for assistance. Local assistance can be obtained through your county Cooperative Extension Service office.

2. Bulletins, monographs, and other publications of universities and other public research organizations

   a. Write or call the author or publishing organization. Single copies are often provided free or at nominal cost. The city in which the organization is located is usually a sufficient address. Local offices of U.S. Government organization (e.g. U.S. Dept. of Commerce, U.S. Dept. of Agriculture, etc.) can frequently supply exact addresses of the issuing organizations.

   b. Contact an Extension Community Resource Development Specialist, your Cooperative Extension Service local office, or the Department of Rural Sociology or the Department of Agricultural Economics of your state university's college(s) of agriculture for assistance. Each has either direct or indirect access to a major library and can photo-copy available out-of-print materials at nominal cost.

*This section on access is a slight adaptation of an earlier description by Dr. Eldon Smith of the University of Kentucky who has been generous enough to share his statement with us.

c. Contact your state government Department of Community Affairs, or other organization which has responsibility for research and technical assistance. Such organizations usually have connections with other governmental organizations related to their field, and can often obtain copies free.

3. Articles in Journals or Periodicals

(Example: Epstein, Irwin, Tony Tripodi and Phillip Fellin 1973 "Community Development Programmes and Their Evaluation." Community Development Journal. 8:1(January):28-36.)

Usually journal articles must be read or photo-copies from the holdings of libraries or a reprint must be obtained from the author or his supporting organization.

a. Write to the author or his organization and request a reprint or photo copy.

b. Contact your Extension Community Resource Development Specialist staff or Department of Rural Sociology or Department of Agricultural Economics of your state university's college(s) of agriculture for assistance. Most major journals and periodicals are in the holdings of university libraries.

4. Theses, dissertations, unpublished manuscripts or special reports for internal uses

a. Write to the author or the issuing organization. All but theses and dissertations must usually be obtained directly from authors or issuing organizations.

b. For theses or dissertations, order from: University Microfilms, Xerox University Microfilms, University of Michigan, Ann Arbor, Michigan 48104. Cost is nominal. However, not all universities cooperate in this program. If not available, contact the author or the relevant department of the degree-granting institution.

A BIBLIOGRAPHY

RESOURCES IN EVALUATION FOR RURAL DEVELOPMENT

I. MAJOR SOURCES

American Institute for Research
1970 Evaluative Research: Strategies and Methods. Pittsburgh: American Institute for Research.

This book consists of eight papers presented at a seminar on evaluative research emphasizing problems and methods. The seminar's recurrent themes were specification of goals, measuring outcomes, evaluation as a process, statistical methods, and evaluation of evaluation.

Bernstein, Ilene N. and Howard E. Freeman
1975 Academic and Entrepreneurial Research: The Consequences of Diversity in Federal Evaluation Studies. New York: Russell Sage Foundation.

Aims to describe and critique the evaluative research industry, particularly federal programs. This study lists agencies audited and presents a survey on evaluation studies, as well as a bibliography at the end of the book. Bernstein and Freeman emphasize federally supported evaluation, process, impact, academic and entrepreneurial research and recommendations for national policy.

Byrn, Darcie (ed.)
1959 Evaluation in Extension. Topeka: H. M. Ives and Sons.

The authors have endeavored to present evaluation that will be most useful to teachers and students of evaluation. It is also to aid workers in the Cooperative Extension Service to be better able to understand and apply the principles and methods of evaluation. Examples are drawn from and the applications are made to the Cooperative Extension Service, but principles and methods discussed have application to Extension-type education in other parts of the world and to other kinds of informal education.

Campbell, Donald T. and J. C. Stanley
1966 Experimental and Quasi-experimental Designs for Research. Chicago: Rand McNally.

Though previously in a book pertinent to educational research, this information is appropriate for social science in general. Sixteen research designs are evaluated by extraneous variables affecting internal and external validity. The designs are divided into pre-experimental, experimental and quasi-experimental categories.

Caro, Francis G. (ed.)
1971 Readings in Evaluation Research. New York: Russell Sage Foundation.

Brings together material about evaluation research drawn from a variety of sources. Included in the book are both general statements about evaluation research and specific case materials. The

general papers address such issues as the nature of the evaluation task, the role of evaluation research in programs of directed change, the organizational context in which evaluation research is conducted, and the methodological strategies appropriate for evaluation research. The case materials include treatment of problems in the establishment of the evaluation research role and reports of findings of completed evaluation research studies.

Ebel, Robert L.
1965 Measuring Educational Achievement. Englewood Cliffs, New Jersey: Prentice-Hall.

An introductory text with emphasis on practical problems and procedures rather than theoretical formulations and issues. The topics focus on history, philosophy, test scale interpretation, test reliability, test validity, test evaluation, published tests, achievement tests, and aptitude tests.

Ebel, Robert L.
1972 Essentials of Educational Measurement. Englewood Cliffs, New Jersey: Prentice-Hall.

An extension of Ebel's 1965 book (See reference above).

Fairweather, George W.
1967 Methods of Experimental Social Innovation. New York: John Wiley and Sons, Incorporated.

Fairweather's goal is to initiate utilization of experimental methods by social scientists in solving social problems. The concept of experimental social innovation is introduced with emphasis on planning, action, evaluation and dissemination. An extensive list of references appears at the end of the book.

Freeman, Howard E. and Clarence C. Sherwood
1970 Social Research and Social Policy. Englewood Cliffs, New Jersey: Prentice-Hall.

An effort to balance the interests and technical training that vary so greatly within this area. The authors' intent is to place the research processes in the context of the social policy arena by oversimplifying the way the world of policy development and social action operates. They view these areas in terms of how they should operate rather than how they do operate.

Gronlund, Norman
1968 Readings in Measurement and Evaluation. New York: The MacMillan Company.

One of the outstanding features is the textbook reference chart relating twenty current measurement works to the readings in the text. The major emphases are evaluation processes, test construction, interpretation, validity and reliability, standardized testing, utilization of results, and current developments and issues.

Gross, John G.
1976 Cooperative Extension Evaluation Planner. Washington, D.C.: Cooperative Extension Service, USDA.

Part I deals with the "Who, What, When, Where, Why and How" of evaluation, levels of evaluation, types of decision situations, everyday use of evaluation, evaluation audiences, issues in evaluation, resources for evaluation, and data gathering, analysis, and reporting. Part II deals with reference aids, including selected references for each section of the "Planner", a glossary of terms for evaluators, selected items from questionnaires which have been used in Extension studies, some notes on editing and coding questionnaires, and a set of visual aids and selected narrative to be used in the initial presentation of the "Planner" to potential evaluators.

Kiresuk, T. J., S. H. Lund, L. A. Kivens, G. Garwick, and S. Mayer
1975 "A Resource Center for Program Evaluation." Minneapolis, Minnesota: U.S. Department of Health, Education and Welfare.

The aim of the resource center is to stimulate and facilitate program evaluation. Five ways this is done are: (1) evaluation magazine, (2) dissemination of evaluation information, (3) technical assistance to appropriate mental health agencies, (4) demonstration evaluation system at Hennepin County Mental Health Service, and (5) implementation of research studies.

Lazarsfeld, Paul, William Sewell, and Harold Wilenski (eds.)
1966 The Uses of Sociology. New York: Basic Books.

Topics presented are sociological perspectives, sociology in professions, sociology in establishments, social problems, social change, and institutional problems in applied sociology. Herbert Hyman and C. Wright's chapter on "Evaluating Social Action Programs" is particularly relevant; evaluation concepts and study design are covered.

Lippitt, Ronald, Jeanne Watson, and Bruce Westly
1958 The Dynamics of Planned Change. New York: Harcourt, Brace and World.

This book is a comparative study of principles and techniques. The concepts emphasized are: planned change, change agents, client systems, change forces, resistance forces, phases of change, and methods of change. References pertaining to these concepts are presented in a bibliography.

McDill, Edward, Mary McDill, and Timothy Sprehe
1969 Strategies for Success in Compensatory Education. Baltimore: John Hopkins University Press.

An extension of a paper presented at a conference on evaluation of social action programs. The sections discuss framework, analysis of comprehensive and selected local programs, reality of evaluation,

and evaluation strategies.

Northeast Regional Center for Rural Development
1974 Workshop on Evaluating State Title V Pilot Programs in the Northeast. Ithaca, New York: Cornell University.

The aims of the workshop were clarification of purposes behind evaluation, development of conceptual framework, sharing of evaluation plans among states, exploration of alternative strategies, and identification of follow up activities. Mainly consists of four papers presented at the workshop.

Porter, Bette C.
1972 The Oregon Studies in Educational Research, Development, Diffusion, and Evaluation, Volume II: The Literature of Educational RDD and E, Final Report. Monmouth, Oregon: Oregon State System of Higher Education.

This volume contains a major listing of existing literature which describes activities performed and presents models used. A source for design and implementation of new training programs.

Riechken, H. W. and R. F. Boruch
1974 Social Experimentation: A Method for Planning and Evaluating Social Intervention. New York: Academic Press.

A summary of available knowledge about how randomized experiments might be used in planning and evaluating social programs. The book focuses on one method for obtaining a firm knowledge base for use in planning and evaluating social programs--social experimentation.

Rippey, Robert M.
1973 Studies in Transactional Evaluation. Berkeley, California: McCutchen Publishing Company.

Transactional evaluation is concerned with the system undergoing change rather than with the outcomes of the system's activity. The basic model of transactional evaluation is outlined and its applicability to changing conditions in schools is defined. Also an evaluation model that is adaptable to a changing program of innovation is presented, and the sources of conflict associated with change are examined.

Rivlin, Alice M.
1971 Systematic Thinking for Social Action. Washington, D.C.: Brookings Institution.

Examines efforts to analyze the problems of poverty, education, and health and provides a mid-term report on the contributions of analysis to decisions concerning social action.

Rogers, E. M.
1960 Social Change in Rural Society. New York: Appleton-Century-Crofts.

An introduction to rural sociology designed to give some background in this field. Primarily covers the changes and trends in rural communities.

Rossi, Peter H.
1969 "Practice, Method and Theory in Evaluating Social Action Programs." Pp. 217-234 in On Fighting Poverty: Perspectives for Experience, James L. Sundquist (ed.). New York: Basic Books.

Concerned with the War on Poverty. It also focuses on the Community Action Program and reactions of individuals in Appalachia and South Carolina to this program, and the development and consequences of government policy in the field. Rossi's chapter focuses on an explanation of why evaluation research has fallen short of its potential and suggests some way in which these difficulties can be overcome. He suggests that evaluation of social action programs is best conducted by the use of experimental research designs.

Rossi, Peter H. and Walter Williams (eds.)
1972 Evaluating Social Programs: Theory, Practice and Politics. New York: Seminar Press.

The editors suggest that sound evaluative research is badly needed to improve the social policy process. They have addressed their focus in this book to three main questions: (1) why have the quantity and quality of evaluative activity to date been so low, (2) what are the problems and risks associated with developing more evaluation research and using results in the social policy process, and (3) what steps should be taken by the government and the social science research community to increase significantly the level of soundly conceived and executed evaluative studies and to reduce the dangers attendant in the use of the results?

Schulberg, Herbert C., Alan Sheddon, and Frank Baker
1970 Program Evaluation in the Health Fields. New York: Behavioral Publications, Incorporated.

The purpose of this book is to inform the administrator about some of the complexities and difficulties in program evaluation and to help him make realistic judgements about his own needs. The selected readings are also intended to raise questions for the researcher by indicating gaps in the author's concepts and techniques so that he may strive to develop appropriate solutions. This book should also have an academic use for courses on public health and social welfare social research techniques.

Sieber, Sam D.
1972 "The Use of Educational Knowledge: Evaluation of the Pilot State Dissemination Program, Volume II: Part VIII: Goals, Oper-

ations and Training." Washington, D.C.: Bureau of Applied Social Research.

Continuation of Volume I, presents Part VIII of the report which is comprised of case studies of the activities of field agents in three states that are the target areas of the Pilot State Dissenination Program. There are also twelve appendices to the report presented in this volume.

Stouffer, Samuel A.
1949 Measurement and Prediction. Princeton, New Jersey: Princeton University Press.

The author suggests that the needed development in social psychology and sociology is the definition and classification of the objects of study. The major portion of this book deals with theoretical models of ordered structures or scales and with technical procedures for testing the applicability of a particular model to a particular set of qualitative data.

Streuning, Elmer L. and Marcia Guttentag (eds.)
1975 Handbook on Evaluation Research, Volumes I and II. Beverly Hills: Sage Publications.

Fills the need for specific guidance in both the theory and the practice of evaluation research. Volume I provides an overview of: (1) primary factors to be considered in conceptualizing a problem for study, (2) components of developing a research strategy and design, (3) guidance in the area of selection and maintenance of a sample, (4) the choice of measures to use, (5) the selection of personnel, and (6) in depth analysis of the maintenance of data collection standards over time.

Volume II examines the politics, values, and cost-benefit factors unique to evaluation research and: (1) provides an extensive analogy of evaluation research in mental health programs, (2) applies the methodology of evaluation research to the specific content areas of early intervention education, public health, and new career programs. Also contains a cumulative bibliography covering all the works cited in these readings.

Stufflebeam, Daniel
1971 Educational Evaluation and Decision Making. Bloomington, Indiana: Indiana University Press.

An attempt to deal with evaluation problems and the development of solutions. The five problem areas exposed are: (1) definition of evaluation, (2) educational decision making, (3) criteria setting, (4) administrative levels, and (5) methodology. New definitions and methods are synthesized and implementation guidelines are suggested.

Suchman, Edward
1967 Evaluative Research, Principles and Practice in Public Service

and Social Action Programs. New York: Russell Sage Foundation.

The author describes the techniques used to determine empirically the extent to which social goals are accurately being achieved, to locate the barriers to the achievement of these goals, and to discover the unanticipated consequences of social actions. Divided into three main sections: (1) brief historical account and general critique of the current status of evaluation studies, (2) a methodological section which includes analysis of various research designs applicable to evaluative research, and (3) a brief exposition on the relationship of evaluative research to social experimentation, stressing the potential contribution which public service and social action programs can make to our knowledge of administrative science and social change.

Tripodi, Tony, Phillip Fellin, and Irwin Epstein
1971 Social Program Evaluation: Guidelines for Health, Education, and Welfare Administration. Itasca, Illinois: F. E. Peacock Publishers.

Written primarly for practicing administrators and program directors in the fields of health, education and welfare. Basic purposes are to provide a framework for making decisions about social program evaluations and to increase the sensitivity of program directors to different issues in evaluation. Their aim is to present guidelines which can be used by program directors so that they can be more knowledgeable about initiating and sustaining evaluation studies and can make the best use of evaluation consultants.

Tyler, Ralph W.
1969 Educational Evaluation: New Roles and New Means. Chicago: University of Chicago Press.

The place of this yearbook in the literature of measurement is to give a rethinking to the broader aims and purposes of evaluation, to the consideration of new and untried methods, and to the refinement of procedures which have been developed. The yearbook not only advances scholarship in the field but also provides direct assistance to teachers, curriclum specialists, administrators, and others who are seeking to provide a relevant quality education for the school's rapidly changing clientele.

Webb, Eugene J., Donald T. Campbell, Richard D. Schwartz, and Lee Sechrest
1966 Unobtrusive Measures: Non-reactive Research in the Social Sciences. Chicago: Rand McNally.

Presents multiple methods or criteria for research techniques. Studies the ethics of various research techniques. The book focuses on research data not obtained by interview or questionnaire; e.g., the use of archival records and trace measures. Authors feel interviews

invade the privacy of the individual.

Weiss, Carol H. (ed.)
1972 Evaluating Action Programs: Readings in Social Action and Education. Boston: Allyn and Bacon.

Aimed at "evaluators-in-training" and the working evaluator. The purpose of this book is to help the reader conceptualize and understand the purposes of evaluation and the methods by which it obtains information and generates conclusions. It points out the constraints within which evaluation operates and suggests alternative strategies of design, measurement, structure, relationship, and communication.

Weiss, Carol H.
1972 Evaluation Research: Methods of Assessing Program Effectiveness. Englewood Cliffs, New Jersey: Prentice-Hall.

Deals with the application of research methods to the evaluation of social programs in education, social work, corrections, health, mental health, job training, technical assistance, community action, law, etc. It is designed to be used as a basic text in courses on evaluation research. It emphasizes decisions that sociologists must make in research and implications of those decisions for drawing valid conclusions. The focus is primarily on general methodological problems.

IIa. DEFINITIONS OF RURAL DEVELOPMENT

Bertrand, Alvin, L.
1972 "Definitions and Strategies of Rural Development: A Search for Coherence and Congruity." Paper presented at the Third World Congress for Rural Sociology. Baton Rouge, Louisiana.

Two major unresolved issues relative to rural development are discussed: (1) the question of a definition and theoretical framework and (2) the matter of the relative merit or demerit of divergent strategies for the implementation of development programs. Next, two basic divergent strategies are identified and contrasted, namely the self-help and centralized program strategies.

Heady, E. O.
1974 "Rural Development Problems and Potentials." Journal of Soil and Water Conservation. 29:1 (January/February):4-7.

The problems confronting rural development have only recently been acknowledged and there is still much work needed before they will be solved. There are certain specific needs of each area that must be met, but a more far-reaching problem is that of economic inequity.

Hendriks, G.
1963 "The Role of Research in Community Development." In Social Welfare Policy, II. The Hague: Mouton and Company.

Community development as an instrument of social policy needs the contribution of applied social research. In each stage of the process of community development there is a need for a specific type of survey; and good communication and mutual understanding between research workers, community developers, and policy-makers is necessary.

Hoffer, Charles
1958 "Social Action in Community Development." Rural Sociology. 23(Spring): 43-46.

A sociological analysis of social action is both necessary and timely. In this paper a design for such an analysis is presented that involves three aspects of the action process: (1) initiation, (2) legitimation, and (3) execution of the proposed action.

Jehlik, Paul J.
1972 "Problems, Issues and Progress of Rural Development Research." Paper presented at the Annual Meeting of the Rural Sociological Society. Baton Rouge, Louisiana.

An attempt is made to explain the problems and issues of carrying out rural development research in the context of an institutionalized production-oriented research system. Traditional and contrempor-

ary views and goals as expressed in the system are noted, and research resource allocation is examined.

Nolan, Michael F. and William D. Heffernan
1974 "The Rural Development Act of 1972: A Critical Analysis." Rural Sociology. 39 (Winter):536-545.

Rural industrialization, as encouraged by the Rural Development Act of 1972, is having profound effects on both the economic and social situation of people living in rural communities. However, very little research has been done concerning the social changes it may create.

Stockdale, Jerry D.
1972 "Poverty and Quality of Life: A Perspective." Paper presented at the Annual Meeting of the Rural Sociological Society. Baton Rouge, Louisiana.

This paper is concerned with demonstrating how quality of life, poverty, service delivery, social indicators, and the "good social system" can be approached from a single perspective. The perspective provides a way to conceptualize these diverse areas and it suggests considerations which might be overlooked by more conventional approaches.

Tweeten, Luther G. and G. A. Doeksen
1974 "Equity and Efficiency in Rural Development Programs." Journal of Soil and Water Conservation . 29:1:8-13.

Deficiencies in several rural development programs and policy attitudes are explained, followed by suggestions for successful, practical, and effective rural development programs.

Vlasin, R. D.
1974 "Planning and Implementing Rural Development." Journal of Soil and Water Conservation. 29:1 (January/February):28-33.

Rural development has changed drastically, both in public attitudes and agency attitudes, in recent years. The groundwork, history and process of rural development are essential to a successful action program.

IIb. DEFINITIONS OF EVALUATIVE RESEARCH

Alexander, Frank D.
1965 "A Critique of Evaluation." Journal of Cooperative Extension. 3:4:205-212.

A study was done of the problems raised by evaluation of work of agents, especially teachers. Because of the emotional atmosphere some evaluations cause, and the consequent lack of cooperation of teachers, a scale of evaluation levels to encourage teacher cooperation was developed and presented in a table.

Alkin, Marvin C.
1969 "Evaluation Theory Development." Evaluation Comment. 2:1:2-7.

Three requirements for a theory of evaluations based on a specified set of assumptions is made. These assumptions are used to support a precise definition of what an evaluation is supposed to do or be.

Bennett, Claude M.
1972 "Theory for Evaluation of Community Development." Paper presented at the Annual Meeting of the Rural Sociological Society. College Park, Maryland.

This paper identifies three phases of community development and poses the same abstract hierarchy of evaluation for each phase. The evaluation hierarchy within each phase is one of the extent to which successive levels of evaluation data can provide evidence of accomplishments.

Brack, Robert
1975 "Innovative Projects Evaluation." Journal of Extension. 8 (March/April):30-47.

Those special considerations which must be given to the evaluation of innovative projects are explored, with adult education programs used as a primary example of this type of project. Both the considerations which distinguish innovative project evaluation from others and certain design models which can be most successful are discussed.

Caro, Francis G.
1971 "Issues in the Evaluation of Social Programs." Review of Educational Research. 61 (April):87-114.

A review of recent literature concerning evaluation research which attempts to accumulate and organize available sources of information is presented. Surveys of some research studies are given.

Evans, John W.
1969 "Evaluating Social Action Programs." Social Science Quarterly. 50 (December):568-581.

While evaluation research has become common practice at many levels of social policy and action programs, very little empirical research has been done at the national level. Several possible reasons for this are indicated and predictions for future planning are explained.

Jahoda, M. and E. Barnitz
1955 "The Nature of Evaluation." International Social Science Bulletin. 7:3:353-364.

Evaluation is defined and explained in terms of judgement and analysis of programs, methods and measurement, and possible implications of findings. Some specific problems common to evaluation programs are also mentioned.

Klineberg, Otto
1955 "The Problem of Evaluation." International Social Science Bulletin. 7:3:246-352.

Evaluative research is necessary if existing action programs are to be measured for their effectiveness and changed accordingly. However, information suggests that people are unwilling to provide the effort and money to establish successful evaluation programs.

Lauderback, Logar, Eugene Ball, and Allan L. Bashor
1973 "Human Resource Development: Community Organization and the Role of Evaluative Research." Paper presented at the Annual Meeting of the Southern Association of Agricultural Scientists. Atlanta, Georgia.

One approach to human resource development is community organization. The Northeast Kentucky community organization suggests certain techniques, specifically the role of paraprofessional Extension assistant, in order to better realize common community goals. With this type of research, longitudinal evaluation research is employed.

Logsdon, David
1975 "A Practical Look at Evaluation." Journal of Extension. 13 (March/April):31-38.

It is in the best interest of Extension agents to become knowledgeable about the different evaluation models--their advantages and disadvantages. Purposes of evaluation and an outline of some models are presented and explained.

Rieken, Henry W.
1972 "Memorandum on Program Evaluation." Pp. 85-104 in Evaluating Action Programs: Readings in Social Action and Education, Carol H. Weiss (ed.). Boston: Allyn and Bacon.

This overview of evaluation programs includes definitions of terms and labels, categorization of various types of action programs, and a list of certain factors that deserve primary attention and emphasis from the evaluators themselves.

Weiss, Carol H.
1972 "Evaluating Educational and Social Action Programs: A 'Treeful of Owls'." Pp. 1-27 in Evaluating Action Programs: Readings in Social Action and Education, Carol H. Weiss (ed.). Boston: Allyn and Bacon.

Evaluation research is defined from several perspectives and those goals and obstacles which distinguish it from other types of research are mentioned.

Weiss, Robert S. and Martin Rein
1972 "The Evaluation of Broad Aim Programs: Difficulties in Experimental Design and an Alternative." Pp. 236-249 in Evaluating Action Programs: Readings in Social Action and Education, Carol H. Weiss (ed.). Boston: Allyn and Bacon.

Some specific problems concerning evaluation research which stem from the commitment to experimental evaluation are discussed, both technical and administrative. In addition, the roles of experimental design and values in the evaluation of broad aim programs are mentioned.

III. CRITERIA-SETTING

Albrecht, Stan L. and Michael K. Miller
1973 "Health Service Delivery: An Assessment of Some Adequacy Indicators." Paper presented at the Annual Meeting of the Rural Sociological Society. College Park, Maryland.

How to measure health service adequacy. Adequacy must be viewed as a multi-dimensional concept. Data are presented on two types of measures that attempt to get at certain of these dimensions. They look at M.D.-population ratios and hospital bed-population ratios, and at M.D.s and hospital beds per 100 square miles for all Utah counties.

Axinn, George H.
1968 "A Conceptual Framework for Analysis of Communication in Rural Social Systems." Paper presented at the Annual Meeting of the Rural Sociological Society. Boston, Massachusetts.

Paper describes a five-component system with ten major internal linkages which may be used as a model for studying information flow in any rural agricultural social system. The major components are production, supply, marketing, research, and extension/education. In addition, definitions are offered of the crucial variables affecting efficiency and effectiveness of communication via the linkages. Audience, message, channel, treatment, and impact are described. Simple mathematical formulas are given as illustrations of the relationships in impact and efficiency, and which may be used in computer simulation of information flow, or in planning change, in any rural social system.

Bass, Bernard M.
1971 "Ultimate Criteria of Organizational Worth." Pp. 101-115 in Assessment of Organizational Effectiveness, Jaisingh Ghorpade (ed.). Pacific Palisades, California: Goodyear Publishing Company.

Instead of evaluating the success of programs for improving selection, placement, training, job methods, and human relations in an industrial organization solely in terms of the extent to which they serve to increase the company's productivity, profits, and efficiency, it has been proposed that they also be evaluated on the extent to which they increase the worth of the organization to its members and society as a whole.

Beal, George M., Walter E. Coward, and Ralph M. Brooks
1971 "Some Effects of Intangible Goals on Resource Development Programs." Journal of the Community Development Society. 2:1(Spring) :48-58.

An examination of the intangibility of community development goals for Extension. The intermediate effects of goal intangibility are put forth; intangible goals and patterns of organization discussed; role performance of the professional staff and of local leaders analyzed; a clarification of interorganizational transactions is made;

and the allocation of organizational resources to group formation and maintenance is described.

Bennett, Claude F. and Donald L. Nelson
1975 "Analyzing Impacts of Community Development." Mississippi State, Mississippi: Southern Rural Development Center.

A seven-level chain of events in community development is analyzed in three phases--planning, specification, and implementation. Determining phase and level at which evaluation should take place is discussed. These seven levels are: (1) inputs, (2) activities, (3) people involvement, (4) reactions, (5) knowledge, attitudes, skill and aspiration change, (6) practice change, and (7) end results.

Bernstein, Ilene and Howard Freeman
1975 Academic and Entrepreneurial Research. New York: Russell Sage Foundation.

Aims to describe and critique the evaluative research industry, particularly federal programs. This study lists agencies audited, presents a survey of evaluation studies, and includes a bibliography at the end of the book. Bernstein and Freeman emphasize federally supported evaluation, process, impact, academic and entrepreneurial research, and include recommendations for national policy.

Binner, P. R., I. Halpern, E. I. Truitt, A. Potter, and C. Coates
"An Output Value Analysis of a Comprehensive Mental Health System." Denver, Colorado: U.S. Department of Health, Education and Welfare.

Aim of this project is to develop a method for measuring the output of a mental health system. With this output measure and some previously developed measures of input and process, a series of studies examining the relationship among these components of a mental health system will be performed.

Coon, Merl
1971 "Normative Criteria and the Evaluation of Health and Medical Care." Paper presented at the Annual Meeting of the American Sociological Association. Tallahassee, Florida.

A review of two bodies of literature: (1) analyses of the distribution and mobility of M.D.s, and (2) reports on reorganization of medical services. The paper includes seven criteria to be incorporated into the evaluation of health services: (1) degree to which there is equal access to services, (2) assessments of impartiality in the quality distribution of services, (3) degree to which there is equal opportunity and no discrimination in the service delivery process, (4) variations in both public expectations and professional standards for services, (5) the extent to which the attitudes of service personnel show sympathetic concern for and a general sensitivity to cultural, racial, and ethnic differences, (6) continuity and comprehensiveness of service delivery in the context of

routine daily family and community life, and (7) opportunity for occupational and economic mobility for service personnel.

Donabedian, Avendis
1966 "Evaluating the Quality of Medical Care." Milbank Memorial Fund Quarterly. 44:3 (July):166-203.

An attempt to describe and evaluate current methods for assessing the quality of medical care and to suggest some directions for further study. It is concerned with methods rather than findings, and with an evaluation of methodology in general, rather than a detailed critique of methods in specific studies. This paper deals almost exclusively with the evaluation of the medical care process at the level of physician-patient interaction.

Federal Extension Service
1966 "Education in Public Affairs and Leadership for Public Responsibility: A Report of the Fund for Adult Education and Cooperative Extension Service Project." Washington, D.C.: United States Department of Agriculture.

Aimed at new ways to advance education for public affairs and leadership in the Cooperative Extension Service and conducted in 12 counties in six states. Evaluation of the program indicated program changes in 11 of the counties in organization, action, evaluation, subject content, and clientele base in local achievements such as civic participation, community development, school and government change, and physical improvements.

Fessler, Donald R.
1964 "Alternatives to Extension's Future." Journal of Cooperative Extension. 2:3 (Fall):170-172.

Four alternatives for Extension's future role were suggested: (1) provide informal educational leadership in special fields in urban and rural areas, (2) provide such leadership in rural and urban areas and, in addition, leadership in community and resource development in rural areas only, (3) broaden the leadership to include all informal educational programs in rural and urban areas on the college and university levels, and (4) the use of county and home agents in urban areas to help residents come to grips with their own problems, with emphasis on furthering specific programs.

Flint, Bruce
"Association of Selected Variables with Objectivity of Procedures Used by Louisiana Cooperative Extension Agents of Evaluate Accomplishments of Educational Objectives." Madison, Wisconsin, University of Wisconsin: (Dissertation).

Study focused on determining the levels of objectivity of procedures used by agents of the Louisiana Cooperative Extension Service to evaluate accomplishment of selected educational objectives. The letters and questionnaires used in the study are included. This dissertation is one of few which deals with the evaluation of the

Cooperative Extension Service.

Freskos, George, Karl Flaming, David Logsdon, and Jonathan Slesinger
1969 "Models for Evaluating Social Action Programs: Problems, Pitfalls, and Prescriptions." Paper presented at the Annual Meeting of the Rural Sociological Society. San Francisco, California.

Focuses on two approaches to the research aspects of evaluating social action programs. One is the continuous feedback model and the other the experimental design model. Discussion includes the following areas: (1) methodological design, (2) observational techniques, (3) sampling methods and problems, (4) data processing, (5) intrepretation of data, and (6) application of findings.

Georgapoulos, Basil S. and Arnold S. Tannebaum
1957 "A Study of Organizational Effectiveness." American Sociological Review. 22 (October):534-540.

This article has three objectives: (1) to examine the concept of effectiveness and to provide a definition deriving from the nature of the organizations, (2) to develop operational criteria and to measure the concept in a specific industrial setting, and (3) to evaluate these criteria and operations in terms of their organizational character, i.e., the extent to which they represent an organizational level phenomenon, their reliability, and their agreement with independent expert judgement.

Ghorpade, Jaisingh
1971 "Toward a Methodology for the Study of Organizational Effectiveness. Pp. 211-237 in Assessment of Organizational Effectiveness, Jaisingh Ghorpade (ed.). Pacific Palisades, California: Goodyear Publishing Company.

Contributes toward the development of a methodology for the study of organizational effectiveness. The author seeks to draw upon experience gained by him in the conduct of a field study on organizational effectiveness. This study was concerned with analyzing the effectiveness of two types of sugar factories operating in Maharashtra State in India.

Hartman, John J.
1973 "Evaluation Research: Changing Sources and Types of Research Funds." Paper presented at the Annual Meeting of the Midwest Sociological Society. Milwaukee, Wisconsin.

An examination of changing availability of funds for sociological research, and changing attitudes toward receipt of funds. A discussion is presented on the case for evaluation research. The contractual arrangement for evaluation research has some special difficulties not inherent in the grant arrangement. These are outlined and discussed.

Holik, John S.
1968 "The Relationship between Organizational Structure and Success in Community Improvement Programs." Paper presented at the Annual Meeting of the Rural Sociological Society. Boston, Massachusetts.

Study designed to determine whether or not the type of community organization used by the town had any bearing on winning a Planned Progress Award. The major result of this study is that extra-community situational forces seem to have more influence on a community's success in improving community facilities and services than the formation of a citizens' organization sponsoring community improvement programs.

Houston, Tom R.
1972 "The Behavioral Sciences Impact-Effectiveness Model." Pp. 59-67 in Evaluating Social Programs, Peter Rossi and Walter Williams (eds.). New York: Seminar Press.

Discussion of pre-experimental designs and the pros and cons of using such. Three experimental designs are discussed focusing special attention on their internal validity.

Kahler, A. A. and C. E. Bundy
1975 "Educational Programs to Meet the Manpower Needs of Iowa Agriculture." Ames, Iowa: Iowa State University.

Objectives were to determine content and emphasis of publicity. supported agricultural education programs, effectiveness of these programs in meeting the needs of the people they serve, availability and need for agricultural education programs, and present and needed local, state, and federal support for agricultural education programs in Iowa. Also to develop guidelines for coordination and operation of agricultural education programs in Iowa.

Knox, Alan B.
1969 "Continuous Program Evaluation." Pp. 368-391 in Administration of Continuing Education, Nathan C. Shaw (ed.). Washington, D. C.: National Association for Public School Education.

The purpose of program evaluation is program improvement. Continuous program evaluation is the process by which evidence regarding program effectiveness is systematically collected, analyzed, and used to improve programs of continuing adult education. The purpose of this chapter is to suggest ways in which the director might strengthen program evaluation procedures. The specific purposes of program evaluation are: (1) to make more explicit the rationale for the educational program as a basis for deciding which aspects of the educational program are most important to evaluate regarding effectiveness and what specific types of data to collect, (2) to collect evidence upon which to base the judgements regarding effectiveness, (3) to analyze the data and draw conclusions, (4) to make judgements on the data, and (5) to implement the decisions so

as to improve the educational program.

Kuvlesky, William P. and Rowan C. Stutz
1972 "The Relationship between Educational Policy and Rural Development Needs: A Conceptual Overview." Paper presented at the Third World Congress for Rural Sociology. Baton Rouge, Louisiana.

Intention is to provide a set of conceptual schemes that can provide a partially articulated framework to serve as a basis to relate certain diverse efforts to one another. These efforts include the determination of how educational policy (or programs or practices) can be fitted to the ends of rural development.

Levinson, Perry
1966 "Evaluation of Social Welfare Programs: Two Research Models." Welfare in Review. 4:10:5-12.

Two approaches are necessary for evaluation of social welfare programs. The goal model centers on relationships between changes of feelings ; and changes of cost-conscious consequences on other units of organizational structure characterize the system approach.

Linder, William W. and Carlton Sollie
1969 "Creating and Using Systematic Links among Low-income Families." Paper presented at the Annual Meeting of the Rural Sociological Society. San Francisco, California.

A social change program was enacted in nine Mississippi counties in homemaking practices. Low-income housewives trained by county Extension staffs were shown to be more effective in teaching and counseling other low-income housewives than were Extension home economists.

Longest, James W.
1969 "Curriculum for Area and Community Development." Paper presented at the Annual Meeting of the Rural Sociological Society. San Francisco, California.

Four stages of curriculum for area and community development are analyzed and described. These four stages are: (1) determination of educational objectives, (2) screening and selection, (3) organization of learning experience and (4) evaluation of effectiveness of learning experiences. Functions of professionals are discussed.

Photoiadis, John D. and Harry K. Schwarzweller (eds.)
1971 Changes in Rural Appalachia: Implications for Action Programs. Philadelphia: University of Pennsylvania Press.

The fifteen essays presented discuss the individual, six social institutions (economic, government, family, religion, education, and power structure), methods for change, objectives for change, and aims of change agencies with emphasis on Extension Service. Recent changes are examined and present policies assessed.

Some future aims are formulated.

Rice, C. E.
1971 "A Model for the Empirical Study of a Large Social Orgainization." Pp. 89-100 in Assessment of Organizational Effectiveness, Jaisingh Ghorpade (ed.). Pacific Palisades, California: Goodyear Publishing Company.

Large social organizations' problems with evaluating performance and assessing policies have led administrators to ask for help. Rice offers a research strategy to study these problems. Though this design was originally for the evaluation of a psychiatric hospital, it can be useful for other types of social organizations.

Sinclair, R.
1975 "Community Services for Nonmetropolitan People in the Northeast." Burlington, Vermont: University of Vermont.

The objectives of the project were to determine the evaluate services in the nonmetropolitan Northeast. Interrelationships were determined and alternatives identified for institutional arrangements. Political, social, and economic consequences were determined.

Stufflebeam, Daniel L., Walter J. Foley, William J. Gephart, Egan G. Guba, Robert L. Hammond, Howard O. Merriman and Malcolm M. Provus.
1971 Educational Evaluation and Decision Making. Itasca, Illinois: F. E. Peacock Publishers.

Deals with evaluation problems and development of solutions. The five problem areas exposed are: definition of evaluation, educational decision making, criteria, administrative levels, and methodology. New definitions and methods are synthesized and implementation guidelines suggested.

Tweeten, Luther
1974 "Systems Planning for Rural Development." Pp. 77-108 in The Development of Rural America, B. Brinkman (ed.). Lawrence, Kansas: University Press of Kansas.

Seven papers are presented as guidelines for policies benefiting rural and urban areas. The three subjects covered are: (1) the nature of rural development, (2) social and economic conditions of rural America, and (3) rural development alternatives. Tweeten's article on systems planning describes the systems approach and outlines linear programming model. The emphasis is on plan-programming instead of program-planning.

Western Regional CRD Committee
1972 "Community Development: Some Common Ground, Performance Criteria, and Evaluation." Journal of the Community Development Society. 3:1 (Spring): 81-86.

This article is a summary of debates centering on roles, functions, and evaluation. From assumptions on community development six categories of criteria for evaluation are developed.

Wetherill, G. Richard
1975 "An Evaluation Model for a Manpower Development Project," Paper presented at the Annual Meeting of the Southern Association of Agriculture Scientists. New Orleans, Louisiana.

Author is proposing a model for the evaluation of a manpower development program for a specific rural area of the state of Texas. The manpower program is a multi-phased rural development project aimed at eleven High Plains rural counties in the Texas Panhandle. A bi-dimensional evaluative design has been formulated in order to accomplish ongoing evaluation.

Wetherill, G. Richard and Joan L. Buttram
1976 "Alternative Modes of Evaluation and Their Application to Rural Development." Paper presented at the Annual Meeting of the Southern Association of Agricultural Scientists. Mobile, Alabama.

This paper presents various selected models of program evaluation. Along with the examination of such models, some attempt is made to look at these models in relation to one another. The models under examination are found to originate from many different disciplines but still within the range of evaluation research. Each model's applicability and implications for rural development presented in this comparative analysis. This standardization of presentation gives potential and current evaluators of rural development programs and projects some basis whereby to select the best-fitting model for a particular project.

Whiting, Larry R. (ed.)
1974 Communities Left Behind: Alternatives for Development. Ames, Iowa: Iowa State University, North Central Regional Center for Rural Development.

From the idea of zero population growth this book gives substantial clues and identifies some of the characteristics considered desirable to human life within communities. The need for self-esteem, and the feeling of identification are being identified within the community are discussed and accepted as very desirable characteristics. Those in research and educational institutions need to do more to identify specifically those characteristics that need to be present for the "good life", the authors suggest.

Wilkening, Eugene A.
1972 "A Systems Approach to Policy in Changing Agriculture." Paper presented at the Third World Congress for Rural Sociology. Baton Rouge, Louisiana.

Presented is a systems approach to the study of agricultural

structure changes and relationships between family, community and social systems. The criteria useful at each level are discussed. Additionally, the need for performance testing and feedback are reviewed.

Williams, W.
1969 "Developing an Evaluation Strategy for a Social Action Agency." Journal of Human Resources. 4:4:451-465.

Williams' article is concerned with methodological and institutional problems faced by the social action agency in making evaluations. The focus is on evaluation methods' ability to produce policy data, bureaucratic structure affects on evaluation and capability of evaluation to produce changes.

Yuchtman, Ephraim and Stanley E. Seashore
1971 "A System Resource Approach to Organizational Effectiveness." Pp. 144-164 in Assessment of Organizational Effectiveness, Jaisingh Ghorpade (ed.). Pacific Palisades, California: Goodyear Publishing Company.

Yuchtman and Seashore describe the limitations of traditional approaches--goal and functional--to organizational effectiveness. They present an improved conceptual framework: A system resource approach. Speculations of possible impact are reviewed.

IV. STRATEGIES OF EVALUATION: METHODOLOGY

Allerhand, Melvin E.
1971 "The Process Outcome Research Model: An Alternative in Evaluative Research." Pp. 131-147 in The Organization, Management and Tactics of Social Research, Richard O'Toole (ed.). Cambridge: Schenkman.

Based on a study of action programs, Allerhand has designed a discussant's paper based on his personal change process in carrying out research. The bulk of this paper is divided into identifying progressive evaluation studies and examining each study in terms of a sampling of relevant variables, viz, assessment of problem, basic design, research staff, techniques for data collection and reporting results.

Bailey, Wilford C.
1964 "Result Demonstrations and Education." Journal of Cooperative Extension. 2:1 (Spring):13-20.

This paper summarizes present knowledge concerning the result demonstration as an educational tool. Theory behind the use of demonstrations is discussed. Factors influencing the effectiveness of demonstrations are explored.

Beaglehde, E.
1955 "Evaluation Techniques for Induced Technological Change." International Social Science Bulletin. 7:3:376-386.

Various techniques of evaluation are discussed and their practical application is tested.

Benedict, Barbara A., Paula H. Calder, Daniel M. Callahan, Harvey Hornstein, and Matthew B. Miles
1967 "The Clinical-experimental Approach to Assessing Organizational Change Efforts." Journal of Applied Behavioral Science. 3:3:347-380.

Authors feel an approach called "clinical-experimental" bears promise for understanding planned change efforts in organizations. To illustrate the approach, this paper presents a case study of an organization improvement effort in a large school system. It reviews the characteristics of the clinical-experimental method, discusses the "organization health" rationale underlying the study, describes in detail the methods used, and reviews selected research findings.

Bennett, Claude
1975 "Up the Hierarchy." Journal of Extension. 8 (March/April): 7-12.

Suggests seven categories of criteria for evaluating Extension programs and offers guidance in choosing evidence in these categories. They are: inputs, activities, people involvement, reactions,

KASA (Knowledge, Attitudes, Skills, and Aspirations) change, practice change, and end results.

Bennett, Carl A. and Arthur L. Lumsdaine (eds.)
1975 Evaluation and Experiment: Some Critical Issues in Assessing Social Programs. New York: Academic Press.

Focuses upon selected aspects of the problems in evaluating the outcomes of socially important programs, such as those dealing with education, health and economic policy. An introductory discussion by the authors identifies major issues in the total area of program evaluation. In the concluding chapter, the editors comment on the principal issues raised by the papers and present important implications regarding program evaluation, the role of field experiments, constraint in their utilization, and other factors central to program evaluation.

Bowers, A. G. and S. E. Seashore
1966 "Predicting Organizational Effectiveness with a Four-factor Theory of Leadership." Administration Science Quarterly. 11:238-263.

Recent research in the area of leadership seems to point to the existence of four basic dimensions of leadership: support, interaction facilitation, goal emphasis, and work facilitation. The authors have decided to apply this area to their study of leadership.

Cain, Glen B. and Robinson G. Hollister
1972 "The Methodology of Evaluating Social Action Programs." Pp. 109-137 in Evaluating Social Programs, Peter Rossi and Walter Williams (eds.). New York: Seminar Press.

The existing evaluations of social action programs have fallen short of meeting standards within the disciplines of the social sciences. Evaluation should be set up to provide the ingredients of an experimental situation: a model suitable for statistical testing, wide range in the values of the variables representing the program inputs, and the use of control groups.

Campbell, Donald T.
1957 "Factors Relevant to the Validity of Experiments in Social Settings." Psychology Bulletin. 54:297-312.

Paper presents a specification of the major categories of extraneous variables (those which confound interpretation of experiments) and employs these categories in evaluating the validity of standard designs for experimentation in the social sciences. Validity is evaluated in terms of internal and external validity.

Chommie, Peter W. and Joe Hudson
1974 "Evaluation of Outcome and Process." Social Work. (November): 682-687.

Evaluating program outcome provides the verification that planners and policy-makers need to decide a program's future. This paper establishes an outcome--focused strategy that attempts to verify through measurement the relationship between the program and its specified outcomes or effects.

Cosby, Arthur G.
1969 "An Experimental Approach to the Study of Poverty." Sociology and Social Research. 53:2 (January):163-170.

The increasing involvement of sociologists in "action-type activities" presents a new possiblilty for a rigorous experimental approach to the study of poverty. Rigorous experiments refer to those designs which are characterized by: (1) a high degree of control over variables and (2) the relatively precise statistical analysis of results, e.g., those designs developed in the field of experimental statistics. An emphasis is placed on techniques which allow the utilization of randomization procedures.

Demerath, N. J., Otto Larsen, and Karl F. Schuessler
1975 Social Policy and Sociology. New York: Academic Press.

A volume in the Quantitative Studies in Social Relations series, contains articles covering the areas of "Assessment of Policy Research", and "Graduate Training and Federal Funding". These areas cover such topics as policies, race relations, policy change, sociological criticisms, social problems, applying theory, research problems, and graduate and research training.

Fauley, Franz E.
1972 "Developing a Better Survey Questionnaire." Training and Development Journal. 26:8 (August):18-21.

This article outlines a few simple rules to help one avoid the common mistakes most surveyors make when they develop a questionnaire. Some of those guidelines are: make your audience express themselves, ask for action, ask for specific information, ask one question at a time, ask highly structured questions, provide an even number of choices, and keep it short.

Fry, Lincoln J.
1973 "Participant Observation and Program Evaluation." Journal of Health and Social Behavior. 14:3 (September):273-278.

This paper discusses how participant observation can be used more effectively in evaluation research. Special attention is given to the relationship between participant observation and more scientific research methodologies.

Grayburn, Laura, Marilyn Magee, and Myrna Hoskins
1976 "Sources of Information for Evaluating Rural Development: An Overview." Paper presented at the Annual Meeting of the Southern Association of Agricultural Scientists. Mobile, Alabama.

A handbook of evaluative research on rural development sources of information. It is intended as an evaluator's guide to material which the authors have found to be helpful for locating evaluative research reports, articles and reference books. Included in this handbook is information about computerized information retrieval systems whose subject matter is relevant to evaluative research and a brief selected bibliography of references for further information.

Greisman, B. Eugene
1969 "An Approach to Evaluating Comprehensive Social Projects." Educational Technology. 9:2:16-19.

This article reports the strategy and procedures that have been followed in an effort to evaluate Concerted Services--a program of development change in training and education.

Madden, J. Patrick, Ruth H. Smith, and James D. Smith
1972 "Applied Social Indicator Research: A Policy Simulation of the Southern Rural Housing Market." Paper presented at the Annual Meeting of the Rural Sociological Society. Baton Rouge, Louisiana.

This paper discusses the conceptual, philosophical, and empirical aspects of a housing quality index as the main dependent variable of a policy simulation for evaluating various policies and programs.

V. EVALUATIVE RESEARCH RESPONSIBILITIES

Aronson, Sidney H. and Clarence C. Sherwood
1967 "Researcher Versus Practitioner: Problems in Social Action Research." Social Work. 12:4:89-96.

This article reviews the efforts of a research group to evaluate a group of demonstration programs. The primary sources of discord were: preoccupation of program designers with components of the program without reference to their objectives; failure of designers to provide an impact model; and failure of practitioners to cooperate about control groups, records, and program design.

Bromley, D. W. and B. R. Beattie
1973 "Incongruity of Program Objectives and Project Evaluation: Example from Reclamation Program." American Journal of Agricultural Economics. 55:3:472-476.

In public programs project evaluation is often based on an objective that is more specific than the general objectives of the program. In such situations, benefits may be underestimated. The magnitude of this underestimation is assessed for a proposed reclamation project in Southern Idaho.

Buchanan, Garth N., Bayla F. White, and Joseph S. Wholey
1971 "Political Considerations in the Designs of Program Evaluation." Paper presented at the Annual Meeting of the American Sociological Association. Denver, Colorado.

Despite a recent increase in federal funding for evaluative research, the impact that information has had on policy decisions has not increased proportionately. The problems of designing evaluations which meet the tests of reliability and validity and which reflect the political and bureaucratic realities in which policy makers operate are discussed.

Carter, Reginald K.
1971 "Clients' Resistance to Negative Findings and the Latent Conservative Function of Evaluation Studies." American Sociologist. 6:2 (May):118-124.

When the results of social action program evaluation do not positively reinforce the client's expectations, the research findings are often resisted by members in the organization who want to preserve the status quo. Three propositions are deduced to help explain the situations conducive to resistance and some of the consequences of the client's resistance to negative findings are determined.

Dawson, J. I.
1975 "An Evaluation of the Effectiveness of a Leadership Development Program for Rural Lay Leaders in Lawrence County Alabama." Cooperative State Research Service. Research Bulletin No.1. Normal, Alabama: Alabama A&M University.

The purpose of the study was to measure the effectiveness of a leadership development program for rural lay leaders on promoting community improvement in Lawrence County, Alabama. During the leadership development program, emphasis was placed on developing specific leadership skills to enhance the leader's roles in community development.

Duft, Ken D.
1969 "Systems Planning for Extension." Journal of Cooperative Extension. 7:3 (Fall):168-178.

Cooperative Extension has become more complex in that it deals with a wider range of problems and with each problem area in more depth. A systems approach to the planning of Extension educational programs provides an efficient means of information transferral and the blending of functions.

Evans, John W.
1971 "Political Factors in Evaluation: The Case of Head Start." Paper presented at the Annual Meeting of the American Sociological Association. Denver, Colorado.

Using one major evaluation as an illustrative case--Head Start--this paper examines the policy, political and programmatic conditions in which such evaluations are conceived, designed, and carried out. It notes differences between evaluation studies and the more traditional academic research and discusses the problems encountered in using the findings from such studies to influence federal policies.

Glennan, Thomas K.
1972 "Evaluating Federal Manpower Programs: Notes and Observations." Pp. 187-219 in Evaluating Social Programs, Peter Rossi and Walter Williams (eds.). New York: Seminar Press.

It is not the responsibility of the action program to provide continuing evaluation research for themselves. Rather it should be the responsibility of the Federal agencies who initially create them. At this level, evaluative research can and should play a determining role in adapting programs to their specific goals.

Horst, Pamela, Joe N. Nap, John W. Scanlon, and Joseph S. Wholey
1974 "Program Management and the Federal Evaluator." Public Administration Review. 34:4: (July/August):300-308.

Causes of ineffective evaluations are identified and solutions are proposed to meet these problems. Authors are concerned with program evaluation as a tool of management.

Kendig, H. L.
1973 "Evaluating Distribution of Municipal Policy to Aged: Model Technique for Areawide Planning." Paper presented at the Annual Meeting of the Gerontological Society. Miami Beach, Florida.

Areawide planning bodies scheduled for nationwide funding next year must evaluate local policy geared toward the aged. This effort develops a systematic, quantitative, and practical model for them to elucidate the distribution of municipal services and regulations to the aged as compared to other special population groups.

Lecompte, Margaret D.
1970 "The Uneasy Alliance of Community Action and Research." School Review. 79:1 (November):125-132.

The following obstacles to satisfactory research involvement in social action programs are discerned: (1) generalized, global theories have been used to explain specific social problems, (2) the rigors of experimental research design have been forced on programs where its use was inappropriate, or irrelevant. A more comprehensive theory of action and improvement must be developed, based on individual cases.

Longood, Robert and Arnold Simmel
1972 "Organizational Resistance to Innovation Suggested by Research." Pp. 311-317 in Evaluating Action Programs: Readings in Social Action and Education, Carol H. Weiss (ed.). Boston: Allyn and Bacon.

This chapter discusses the tendencies in society and organizational structures to resist innovation suggested by research. Three perspectives--personalities of organizational members, the organization itself, and the culture surrounding the organization--are used to illustrate and support this resistance.

Mann, John
1965 "The Outcome of Evaluative Research." Pp. 267-282 in Evaluating Action Programs: Readings in Social Action and Education, Carol H. Weiss (ed.). Boston: Allyn and Bacon.

This chapter attempts to provide a comparative study of the impact of evaluative research as opposed to other studies which traditionally follow specialized lines. It further points to reasonable conclusions that may be drawn from evaluative research.

Niederfrank, Evlon J.
1974 "Program Evaluation Research as a Sociology-Sociologist Role." Paper presented at the Annual Meeting of the Rural Sociological Society. Montreal, Canada.

The reasons behind program evaluation efforts and strategies are explained, particularly from the aspect of the evaluator. The role of the evaluator is defined and support is provided for the idea that sociologists are the best qualified.

Oettings, E.R. and F. J. Hawkes
1974 "Training Professionals for Evaluative Research." Personnel and Guidance Journal. 52:6:434.

The article focuses on evaluation as opposed to research, showing that skills and processes are not the same and therefore the training should not be the same. Evaluation skills are necessary in all cells of the cube in fact, unless they are operative, counseling may quickly become nondimensional.

Reeves, Ehon T. and Michael J. Jensen
1972 "Effectiveness of Program Evaluation." Training and Development Journal. 26:1 (January):36-41.

It has been a common practice in adult education evaluation programs to use a questionable evaluation instrument, average the results, and not incorporate the information into future programs. The article analyzes those results of an evaluation of this type and examines the whole question of whether or not participant evaluation is a valid and reliable type of evaluation.

Rieker, Patricia P.
1972 "Utilization of Evaluation Studies: A Process Illuminating the Relation of Knowledge of Action." Paper presented at the Annual Meeting of the American Sociological Association. New Orleans.

This paper examines the sequence of events leading to utilization or non-utilization of research findings in evaluation studies, and the linkages between types of decison-making settings, types of evaluation studies, and the range of utilization. Conditions which influence the utilization course of events are identified.

Rossi, Peter
1966 "Boobytraps and Pitfalls in the Evaluation of Social Action Programs." Pp. 224-235 in Evaluating Action Programs: Readings in Social Action and Education, Carol H. Weiss (ed.). Boston: Allyn and Bacon.

Problems associated with the evaluation of social action programs revolve around the fact that very few research projects use the model of the controlled experiment as their design.

Slocum, W. L.
1956 "Sociological Research for Action Agencies: Some Guides and Hazards." Rural Sociology. 21:2:196-199.

There is great need for more sociologists to become interested in and take part in action programs. Certain factors and obstacles must be considered, however, before a research sociologist decides to work for an action agency and these are mentioned and explained.

Suchman, Edward
1972 "Action for What? A Critique of Evaluative Research." Pp.52-84 in Evaluating Action Programs: Readings in Social Action and Education, Carol H. Weiss (ed.). Boston: Allyn and Bacon.

It is implied that action programs, as they exist today, are basically inefficient at promoting social change and are, in fact, "spinning their wheels". To alleviate this problem, certain areas of evaluative research must be analyzed and changed to encourage practical implementation of their findings within the action programs themselves.

Wardrop, James L.
1969 "Generalizability of Program Evaluation: The Danger of Limits." Educational Product Report. 2:5:41-42.

Although program evaluation should provide a measurement of the effectiveness of an action program and reveal possible faults, it cannot be an infallible predictor of individual program success at another place or time. When constructing a research study, evaluators should attempt to create a study which is not so limited as to encourage inability to generalize the findings.

Weiss, Carol H.
1967 "Utilization of Evaluation: Toward Comparative Study." In The Use of Social Research in Federal Domestic Programs. Washington, D.C.: U.S. Congress Report.

Commonly, policy-makers do not use the conclusions of evaluative research in the development of action programs. Certain factors are suggested as the reasons for this, and a proposal for empirical evaluation of evaluation research is included.

Weiss, Carol H.
1970 "The Politicization of Evaluation Research." Journal of Social Issues. 26:4:57-68.

Researchers who undertake the evaluation of social action programs face several hazards, among which is the politicization of evaluation. Several alternatives in research methodology are suggested, as well as implications from the evaluations themselves.

Wilkinson, Kenneth P.
1970 "Phases and Roles in Community Action." Rural Sociology. 35: (March):54-67.

Articles deal with a structural context for the examination of the community action process through phases and roles couched in interactional terms.

Williams, Walter
1969 "The Politics of Evaluation: The Case of Head Start." Annals of the American Academy of Political and Social Sciences. (September):385:118-132.

The conflict which followed the findings of an educational evaluation program that the overall effects of Head Start were weak initiated wide controversy on several issues. The primary sources of disagreement concerned: (1) how to start programs and (2) how

to analyze them, and (3) the outcome of this clash may have for future policy.

VI. RESEARCH IN PROGRESS

Abert, J. G.
1973 "A Casebook on Evaluation Studies." Washington, D. C.:
1974 National Center for Resource Books.

Abert, J. G.
1974 "Case Studies of Evaluation in Health, Education and Welfare."
1975 Washington, D. C.: Russell Sage Foundation.

Alkin, M. C.
1974 "A National Program for Training Evaluators." Los Angeles,
1975 California: University of California School of Education.

Amberson, M. L. and D. Bishop
1971 "Improvement of Employment Opportunities and Earnings for
1976 Disadvantaged People in Non-metropolitan Areas." Bozeman,
Montana: Montana State University.

Arbeit, D.
1975 "Model for the Evaluation of Government Housing Actions for
the Rural Population." Amherst, Massachusetts: University
of Massachusetts.

Armstrong, F. H.
1974 "Applications of Operations Research Procedures to Youth
1975 Conservation Programs " Burlington, Vermont: University
of Vermont.

Ashtan, S.
1974 "Packaged Public Sector Supervision Program." Lansing,
1975 Michigan: U.S. Civil Service Commission, State Department
of Civil Service.

Bahr, H. M., D. Price, and D. West
1973 "Improvement of Employment Opportunities and Earnings for
1974 Disadvantaged People in Non-metropolitan Areas." Pullman,
Washington: Washington State University Agricultural Experi-
ment Station.

Baker, G. L.
1974 "Program and Policy Research." Washington, D. C.: U.S.
1979 Department of Agriculture.

Benedetti, D. E.
1974 "Management Training in Rural Public Agencies: Implementation
1975 of a Model Plan." Auburn, California: U.S. Civil Service
Commission, Placer County Administration Center.

Bonnen, H. R.
1974 "An Employment Agency Model for Providing Job Information to
1975 Rural Disadvantaged Populations." Prairie View, Texas: U.S.
Department of Health, Education and Welfare.

Boots A., A. Siegal, and J. Myles
1974 "Analysis of Human Services in Lancaster County, Pennsylvania."
1975 Lancaster, Pennsylvania· U.S. Department of Housing and Urban Development.

Bowring, J. R.
1974 "Paths Out of Poverty." Durham, New Hampshire: University
1975 of New Hampshire Institute of Natural and Environmental Resources.

Bronstein, D.
1971 "Natural Resource Policies and Planning for Rural Development."
1976 East Lansing, Michigan: Michigan State University.

Brown, D. W.
1972 "Evaluation of Vocational Training for Rural People."
1975 Knoxville, Tennessee: University of Tennessee Agricultural Experiment Station.

Carlozzi, C. A., N. E. Engle, and A. J. W. Scheffey
1971 "Natural Resource Policies and Planning for Rural Development."
1974 Amherst, Massachusetts: University of Massachusetts.

Ching, T. C. K.
1971 "Community Institutions and Services within Rural Nevada."
1974 Reno, Nevada: University of Nevada.

Chung, R. A. and B. Tolbert
1971 "Rural Development Research: Tuskegee Institute, Phase I."
1974 Tuskegee, Alabama: Tuskegee Institute.

Clark, R. C. and M. A. Douglas
1974 "Factors Facilitating Extension-Agricultural Development
1975 Programs in Selected Countries." Madison, Wisconsin: University of Wisconsin Agricultural Experiment Station.

Cordes, S. M., C. O. Crawford, and S. M. Leadley
1975 "Organization and Finance of Rural Community Services and
1977 Facilities." University Park, Pennsylvania: Pennsylvania State University.

Curtis, S. M., R. F. Stinson, and Walter Williams
1974 "Instruction in Agricultural Occupations for Educationally
1975 Disadvantaged Students." University Park, Pennsylvania: Pennsylvania State University Agricultural Experiment Station.

Davis, D. E.
1973 "Wisconsin Rural Housing Co-op." Madison, Wisconsin: U.S. Department of Labor, Wisconsin Rural Housing Cooperative.

Dawson, J. I.
1974 "Evaluation of a Leadership Development Program for Rural
1975 Disadvantaged in Lawrence County, Alabama." Normal, Alabama: Alabama A&M University School of Agriculture.

Day, L. M., E. J. Brown, and D. J. Epp
1974 "Rural Organizations and Services." University Park,
1975 Pennsylvania: Pennsylvania State University Agricultural Experiment Station.

Derr, D. A.
1971 "Community Services for Non-metropolitan People in the North-
1975 east." Brunswick, New Jersey: Rutgers University.

Dewey, A. W.
1971 "Community Services for Non-metropolitan People in the North-
1975 east." Storrs, Connecticut: University of Connecticut.

Dickerson, L. R.
1973 "Expanded Public Assistance: Vocational Rehabilitation
1974 Service for Rural Public Assistance Recipients." Fayetteville, Arkansas: University of Arkansas Vocational Rehabilitation Research Center.

Dickerson, L. R.
1973 "Rehabilitation of the Rural Public Assistance Recipient at
1974 a Comprehensive Rehabilitation Center." Fayetteville, Arkansas: University of Arkansas State Vocational Rehabilitation Research Center.

Dimit, R. M. and R. I. Wagner
1973 "Manpower Programs and Needs for South Dakota." Brookings,
1974 South Dakota: South Dakota State University Agricultural Experiment Station.

Douglass, R. L. and J. T. Horner
1974 "Approaches to Occupational Education and Teacher Prepara-
1975 tion for Rural Development." Lincoln, Nebraska: University of Nebraska Agricultural Experiment Station.

Downing, P. B. and R. C. D'Arge
1971 "Institutional Structures for Improving Rural Community
1974 Services." Riverside, California: University of California.

Engel, N. E., E. K. Knapp, and B. C. Field
1971 "Community Services for Non-metropolitan People in the North-
1975 east." Amherst, Massachusetts: University of Massachusetts.

Fellows, I. F.
1973 "Rural Land Use Policy in an Urbanizing Environment."
1977 Storrs, Connecticut: University of Connecticut.

Finley, C. J.
1973 "An Evaluation of Assessments Conducted by State Departments
1974 of Education." Palo Alto, California: American Institute for Research of Behavioral Science.

Fuller, V.
1972 "Growth Trends and Potentials of California's Non-metropolitan
1975 Communities." Davis, California: University of California.

Gish, P. B.
1973 "Housing-Manpower Subsidy Demonstration." Whitesburg,
1974 Kentucky: U.S. Department of Labor.

Green, L. L. and H. J. Meenen
1971 "Factors Affecting the Use of Medical Services in Rural
1973 Areas of Arkansas." Fayetteville, Arkansas: University
of Arkansas.

Greenwood, R.
1974 "Expanded Public Assistance/Vocational Rehabilitation
1975 Service for Rural Public Assistance Recipients." Fayette-
ville, Arkansas: University of Arkansas.

Greenwood, R.
1974 "Rehabilitation of the Rural Public Assistance Recipient at
1975 a Comprehensive Rehabilitation Center." Fayetteville,
Arkansas: University of Arkansas.

Gregersen, H. M.
1971 "Government Incentive Programs and Regulations and Their
1976 Influence on Forestry and Forest Based Communities." St.
Paul, Minnesota: University of Minnesota.

Griffin, M.
1973 "Housing Manpower Subsidy Demonstration." U.S. Department
1974 of Labor, Orleans County Council Social Agency.

Groff, W. H.
1974 "Paths Out of Poverty." Storrs, Connecticut: University
1975 of Connecticut Agricultural Experiment Station.

Hadden, K. P.
1973 "Community Structure and Quality of Life: Measurement and
1975 Analysis." Storrs, Connecticut: University of Connecticut.

Hadwiger, P. F.
1974 "Evaluation of Public Policy Outputs in Rural America." Ames,
1975 Iowa: Iowa State University Agricultural Experiment Station.

Hanchey, J. R.
1973 "Public Participation in Water Resources Planning." Fort
1974 Belvoir, Virginia: U.S. Army Engineer Institute for Water
Resources.

Hardy, W. E. Jr.
1973 "Solid Waste Management for Northwest Alabama Using Sanitary
1974 Landfills." Auburn, Alabama: Auburn University.

Harris, D. H., W. R. Harper, C. R. Greene, and J. M. Tanaka
1973 "Social Dimensions of Water Resources Planning." Santa
1974 Barbara, California: U.S. Department of the Interior.

Harrison, R. A. and J. R. Hanchey
1973 "Investigation of Social Impacts of Water Resources Activi-
1974 ties." Fort Belvoir, Virginia: U.S. Department of Defense.

Havens, A. E., D. G. Marshall, and O. E. Johnson
1973 "An Evaluation of Rural Development Efforts in Price County."
1976 Madison, Wisconsin: University of Wisconsin.

Hazard, W. R., J. S. Ragus, and B. Reece
1973 "Evaluation of Experimental Social Delivery Programs."
1974 Austin, Texas: University of Texas School of Engineering.

Jansen, E. F. Jr.
1971 "Community Services for Non-metropolitan People in the North-
1975 east." Durham, New Hampshire: University of New Hampshire.

Jones, L. W., R. A. Chung, and B. Tolbert
1973 "Rural Development Research Center, Phase II." Tuskegee,
1978 Alabama: Tuskegee Institute.

Jumper, R.
1973 "Development and Distribution of Guidelines to Improve the
1974 Planning and Evaluation of Public Management Training Programs."
Bloomington, Indiana: Indiana University School of Public
Affairs.

Kaldor, D. R. and J. G. Strauss
1973 "Measuring Rural Community Development." Ames, Iowa:
Iowa State University.

Kendrick, J. G., L. Bithey, and E. Peterson
1972 "Impact of Public Policies on Nebraska's Agricultural and
1977 Rural Development." Lincoln, Nebraska: University of
Nebraska.

Kimball, W. J. and A. A. Schmid
1974 "Improved Community Management in Rural Michigan." East
1975 Lansing, Michigan: Michigan State University Agricultural
Experiment Station.

Kotz, A.
1974 "Experimental Policy Analysis Source Book on Social Programs."
1975 Washington, D. C. : U.S. National Science Foundation.

Krauz, N. G. P.
1971 "Developing Local Government Action Programs for Rural
1974 Development." Urbana, Illinois: University of Illinois.

Kuehn, J. P.
1971 "Community Services for Non-metropolitan People in the North-
1975 east." Morgantown, West Virginia: West Virginia University.

Lassey, W. R.
1973 "Rural and Regional Planning: Organizational, Implementing
1975 and Decision-making Processes." Pullman: Washington State University.

Leadley, S. M., C. O. Crawford, and D. J. Epp
1971 "Community Services for Non-metropolitan People in the
1975 Northeast." University Park, Pennsylvania: Pennsylvania State University.

Leray, N. L.
1973 "Paths Out of Poverty." Durham, New Hampshire: University
1974 of New Hampshire, USDA, Economic Development Division.

Leveen, E. P.
1971 "Improve Employment Opportunities and Earnings for Dis-
1974 advantaged People in Non-metropolitan Areas." Berkeley, California: University of California.

Levine, Abraham S.
1967 "Evaluating Program Effectiveness and Efficiency: Rationale and Description of Research in Progress." Welfare in Review. 5:2:1-11.

Longest, J. W.
1971 "Community Services for Non-metropolitan People in the North-
1975 east." College Park, Maryland: University of Maryland.

Longest, J. W.
1974 "Paths Out of Poverty." College Park, Maryland: University
1975 of Maryland Agricultural Experiment Station.

Madden, J. P. and W. M. Smith
1974 "Low Income People of Rural Pennsylvania: Resources and
1975 Opportunities for Improvement." University Park, Pennsylvania: Pennsylvania State University Agricultural Experiment Station.

Maki, W. R.
1973 "Service Delivery Alternatives in Rural Development."
1975 St. Paul, Minnesota: University of Minnesota.

Malone, J. W.
1971 "Institutional Structures for Improving Rural Community
1974 Services." Reno, Nevada: University of Nevada.

Mapp, H. P.
1971 "Community Services for Non-metropolitan People in the
1975 Northeast." Ithaca, New York: Cornell University.

McDonald, R. and J. R. Hanchey
1973 "Planning Process and Procedures for Comprehensive Evaluation
1974 of Water Resources Development." Fort Belvoir, Virginia: U.S. Department of Defense, U.S. Army Corps of Engineers.

McEntire, D.
1971 "Institutional Structures for Improving Rural Community
1974 Services." Berkeley, California: University of California.

McIntosh, K. D. and E. J. Nesius
1973 "Preliminary Investigations in Resource Management."
1974 Morgantown, West Virginia: West Virginia University Agricultural Experiment Station.

Miles, G. H.
1973 "Developing Model NYC (Neighborhood Youth Corps) Programs for
1974 Rural Youth." Minneapolis, Minnesota: North Star Research and Development Institute.

Moland, J. and J. H. Hope
1972 "Rural Community Problems and Solutions as Perceived by
1977 Indigenous Leaders and Non-leaders." Baton Rouge, Louisiana: Southern University.

Oborn, P. T.
1973 "Statistical Analyses and Evaluation of Human Services Pro-
1974 grams and Examination of the Field of Needs Assessment." Denver, Colorado: University of Denver, U.S. Department of Health, Education and Welfare.

Padfield, H. I.
1972 "Western Region Area Development Research Center." Corvallis, Oregon: Oregon State University.

Park, W. L.
1971 "Natural Resource Policies and Planning for Rural Development."
1976 New Brunswick, New Jersey: Rutgers University.

Ploch, L. A.
1974 "Paths Out of Poverty: Effectiveness, Benefits and Costs of
1975 Direct Action Programs and Services." Orono, Maine: University of Maine Agricultural Experiment Station.

Saupe, W. E.
1974 "Evaluation of Policies to Alleviate Farm and Rural Non-
1975 farm Poverty in Wisconsin." Madison, Wisconsin: University of Wisconsin Agricultural Experiment Station.

Schlater, J. D.
1971 "Family-Community Linkages in Meeting Resources Development
1976 Needs in Rural Michigan." East Lansing, Michigan: Michigan State University.

Schmid, A. A.
1966 "Public Investments, Institutional Change and Rural Well-
1973 being." East Lansing, Michigan: Michigan State University.

Schmidt. F. E.
1974 "Paths Out of Poverty." Kingston, Rhode Island: University
1975 of Rhode Island Agricultural Experiment Station.

Schroeder, G. M.
1973 "Organized Community Action Program, Incorporated." Troy,
1974 Alabama: U.S. Department of Labor, Organized Community Action Program, Inc.

Sears, D. W.
1974 "Model for the Evaluation of Government Housing Actions for the Rural Population." Amherst, Massachusetts: University of Massachusetts Agricultural Experiment Station.

Sinclair, R.
1971 "Community Services for Non-metropolitan People in the North-
1975 east." Burlington, Vermont: University of Vermont.

Sizer, L. M.
1973 "Community Structure and Quality of Life: Measurement and
1976 Analysis." Morgantown, West Virginia: West Virginia University.

Skinner, C. R.
1973 "Housing-Manpower Subsidy Demonstration." Decatur, Ohio:
1974 U.S. Department of Labor.

Stevens, R. D.
1971 "Improved Community Management in Rural Michigan." East Lansing, Michigan: Michigan State University.

Stockdale, J. D.
1974 "Paths Out of Poverty." Ithaca, New York: Cornell University
1975 Agricultural Experiment Station.

Stubblefield, T. M.
1971 "Institutional Structures for Improving Rural Community Services." Tucson, Arizona: University of Arizona.

Tyner, F. G.
1973 "Alternative Medical Service Delivery Systems for Rural
1975 Areas in Mississippi." Mississippi State, Mississippi: Mississippi State University.

Walser, G. W., M. Tretter, and G. Fitzgerald
1974 "Evaluative Decision-making with Analysis of Variance."
1975 Madison, Wisconsin: University of Wisconsin School of Social Science.

Wilkinson, K. P. and R. H. Warland
1973 "Community Structure and Quality of Life: Measurement and
1978 Analysis." University Park, Pennsylvania: Pennsylvania
State University.

ADDITIONAL REFERENCES

I. MAJOR SOURCES

Agriculture Planning Studies
1971 "Selected Bibliography on Project Analysis." Agricultural Economics. 15:46-63.

Boruch, R. F.
1974 "Bibliography: Illustrative Randomized Experiments for Planning and Evaluating Social Programs." Evaluation. 2:83-87.

Converse, James W.
1970 "Partial Bibliography on Evaluation Research and Study Design." In Evaluative Research: Strategies and Methods. Pittsburgh: American Institute for Research.

Eidell, Terry and John A. Landklebe
1968 Annotated Bibliography on the Evaluation of Educational Programs. Eugene, Oregon: ERIC Clearinghouse on Educational Administration.

First National Conference on Evaluation in Public Health
1960 Ann Arbor, Michigan: University of Michigan, Continued Education Series #89.

Harris, Chester W.
1963 Problems in Measuring Change. Madison, Wisconsin: University of Wisconsin Press.

Kuennen, Daniel
1975 "1973-1974 U.S. Government Printing Office Publications Useful for Rural Development." Georgetown, Delaware: University of Delaware.

Miller, Delbert C.
1964 Handbook of Research Design and Social Measurement. New York: David McKay Company.

Popham, W. James
1972 An Evaluation Guidebook. Los Angeles: The Instructional Objectives Exchange.

Rosengard, Barbara (ed.)
1973 Research, Demonstration, and Evaluation Studies: Fiscal Year 1973. Washington, D.C.: Division of Research and Evaluation, Children's Bureau.

Smith, Suzanne M.
1970 An Annotated Bibliography of Small Town Research. Madison, Wisconsin: University of Wisconsin.

Steele, Sara
1972 Six Dimensions of Program Effectiveness. Madison, Wisconsin: University of Wisconsin, Division of Program and Staff Development.

Thorndike, Robert L. and Elizabeth Hagan
1961 Measurement and Evaluation in Psychology and Education. New York: John Wiley & Sons.

United States Development of Health, Education and Welfare
1970 Preparing Evaluation Reports: A Guide for Authors. Washington, D.C.: U.S. Government Printing Office.

Weschler, Irving R. and Paula Brown
1953 Evaluating Research and Development. Los Angeles: University of California Press.

Wholey, J. S., H. G. Duffy, J.S. Fukumota, J.W. Scanlon, M.A. Berlin, W. C. Copeland, and J. G. Zelinsky
1969 Federal Evaluation Policy: An Overview. Washington, D.C.: The Urban Institute.

Williams, Walter
1971 Social Policy: Research and Analysis. New York: American Elsevier.

IIa. DEFINITIONS OF RURAL DEVELOPMENT

Ahlgren, Henry L.
1973 "Rural Development: An Idea Whose Time Has Come." Journal of Extension. 11:1:35-40.

American Medical Association
1972 "Health Care Delivery in Rural Areas." Chicago: Division of Medical Practice.

Bailey, Wilfrid C.
1960 "Rural Development and the Social Sciences." Sociologian. 22:1 (March):52-70.

Bird, A. R.
1973 "Decision-Making at State and Regional Levels: Rural Development," Pp. 26-39 in Rural Development Research Priorities: North Central Regional Center for Rural Development, L. R. Whiting (ed.). Ames, Iowa: Iowa State University Press.

Boyce, Ronald R.
1964 Regional Development and the Wabash Basin. Urbana, Illinois: University of Illinois Press.

Brinkman, George Loris
1942 The Development of Rural America. Lawrence, Kansas: University of Kansas Press.

Brinkman, George Loris
1974 "The Condition and Problems of Non-metropolitan America: Rural Areas." Pp. 51-73 in The Development of Rural America, George L. Brinkman (ed.). Lawrence, Kansas: University of Kansas Press.

Broberg, D.
1973 "Decision-Making at the Community Level: Rural Development." Pp. 40-45 in Rural Development Research Priorities: North Central Regional Center for Rural Development, L. R. Whiting (ed.). Ames, Iowa: Iowa State University Press.

Bruce, R. L.
1968 "Organizing and Extension Service for Development." Community Development Journal. 3:2:94-98.

Cebotarev, Eleanora A. and Emory J. Brown
1969 "Conceptual Model for Development Organization." Paper presented at the Annual Meeting of the Rural Sociological Society. University Park, Pennsylvania.

Clemson University
1972 "South Carolina Plan of Work to Accomplish Objectives of Title V of the Rural Development Act of 1972." Clemson, South Carolina: Clemson University.

Court, Michael
1970 "Problens in an Established Community Development Program," Community Development Journal. 5:4 (October):205-213.

Davis, C. G.
1974 "Rural Development Research Programs of Southern 1862 and 1890 Land Grant Institutions: Characteristics, Needs and Priorities for the 1970's." Southern Journal of Agricultural Economics. 6:1 (July):79-89.

Duff, Mike
1960 "The Organization and Operation of the Rural Development Program in Selected States." Madison, Wisconsin: University of Wisconsin.

Edington, Everett D.
1972 "Serving Rural Youth: A Regional Approach." Paper presented at the Third World Congress for Rural Sociology. Baton Rouge, Louisiana/

Elias, S.
1972 "Problems in Planning and Administration for Development Among the Rural Poor." Journal of Northeast Agricultural Economics Council. 1:1 (Summer):315-320.

Erwin, W.
1973 "Rural Development: A Movement Whose Time has Come." Journal of the American Society of Farm Managers and Rural Appraisers. 37:1:29-31.

Ford, Thomas R. and Willis A. Sutton
1964 "The Impact of Change on Rural Communities and Fringe Areas: Review of a Decade's Research." Pp. 198-232 in Our Changing Rural Society: Perspectives and Trends, James H. Copp (ed.). Ames, Iowa: Iowa State University Press.

Fujimoto, Isao and Martin Zone
1974 "Land, Power and Inequities in Rural American: Research Implications." Paper presented at the Annual Meeting of the Rural Sociological Society. Davis, California.

Gibson, Duana and Francis X. Mulvihil
1970 "Rural Strategies and Urban Strategies: The Same or Different?" Journal of the Community Development Society. 1:2 (Fall):21-29.

Hale, Carl W.
1971 "Factors Inhibiting Appalachian Regional Development." American Journal of Economics and Sociology. 30:2 (April):133-158.

Hassinger, Edward W.
1969 "Rural Health in the United States." Washington, D. C.: National Academy of Sciences.

Hassinger, Edward W.
1972 "The Organization and Delivery of Medical Care in Rural Areas of the United States." Paper presented at the World Congress for Rural Sociology. Baton Rouge, Louisiana.

Hazen, M. and Sam Cordes
1974 "Changing the Poor or Changing the System?" University Park, Pennsylvania: Pennsylvania State University Agricultural Experiment Station.

Heady, E. O.
1972 "Elements in Making Rural Development Go." Farm Foundation Increasing Understanding in Public Problem Policies. Chicago: Farm Foundation. Pp. 45-55.

Heady, E. O.
1973 "New Priorities in Rural Development." Pp. 102-109 in Rural Development Research Priorities: North Central Regional Center for Rural Development. Ames, Iowa: Iowa State University Press.

Hillery, George A.
1972 "Social Structure and Resistance to Change." Paper presented at the Third World Congress for Rural Sociology. Baton Rouge, Louisiana.

Jehlik, Paul J.
1971 "The Relation of the Rural Citizen to Governmental Agencies and Programs." Paper presented at the Annual Meeting of the Southern Association of Agricultural Workers. Jacksonville, Florida.

Jones, Lonnie L. and P. H. Gessaman
1974 "Public Service Delivery in Rural Areas: Problems and Decisions." American Journal of Agricultural Economics. 56:5 (December): 936-945.

Kaldor, D. R., W. W. Bauder, and M. W. Trautwein
1964 Impact of New Industry on an Iowa Rural Community, Part I: Farming and Farm Living. Ames, Iowa: Iowa State University Agricultural and Home Economics Experiment Station.

Kaplan, H. Roy and Bhopinder S. Bolaria
1971 "Income, Ideology and Health Care with Special Reference to the Rural Poor." Paper presented at the Annual Meeting of the American Sociological Association. Denver, Colorado.

Kaufman, Harold F.
1975 Community Development Working Papers. Mississippi State, Mississippi: Mississippi State University Social Science Research Center. Report #45.

Keefe, Dennis R. and Margurite C. Burk
1967 "Interdisciplinary Analysis of Farm Home Interrelationships in Decision-making and Action on the Family Farm." The American Journal of Economics and Sociology. 26:(January):33-46.

Kellogg, E.D.
1974 Rural Development, As Viewed by a Federal Government Bureaucrat: Policies. Urbana: University of Illinois Cooperative Extension.

Kimberly, John R. and Steven Spirn
1973 "Health Care Networks in Rural Settings: The Relationship of Distribution and Utilization." Paper presented at the Annual Meeting of the Rural Sociological Society. College Park, Maryland.

Koch, Kenneth A.
1973 "Effective Citizen Participation in Community Decision Making." Paper presented at the Annual Meeting of the Southern Association of Agricultural Scientists. Altanta, Georgia.

Laporte, Robert, James F. Petras, and Jeffrey C. Rinehart
1971 "The Concept of Agrarian Reform and Its Role in Development. Some Notes on Societal Cause and Effect." Comparative Studies in Society and History. 13:4 (October):437-485.

Larson, Olaf F.
1973 "Sociological Research Problems, Rural Development." Pp. 66-87. in Rural Development Research Priorities: North Central Regional Center for Rural Development, L. R. Whiting (ed.). Ames, Iowa: Iowa State University Press.

Leadley, Samuel M. and Joan S. Thomson
1972 "Non-governmental Social Planning in Rural Areas of the United States." Paper presented at the Third World Congress for Rural Sociology. Baton Rouge, Louisiana.

Leagans, J. P.
1974 "Rural Development: An Emerging Social, Economic and Demographic Imperative." New York: New York Agricultural Experiment Station.

Macgregor, Gordon
1966 "The Development of Rural Community Health Services." Human Organization. 25:1 (Spring):10-19.

Maddox James G.
1968 "An Historical Review of the Nation's Effort to Cope with Rural Poverty." American Journal of Agricultural Economics. 50 (December):1351-1361.

Matthews, Teresa H.
1973 "Health Services in Rural America." Washington, D.C.: Agricultutal Information Bulletin #362.

Matthews, Teresa H.
1974 "Health Services in America, Slightly Revised." Washington, D.C.: USDA Rural Development Service.

Merton, Robert K.
1936 "The Unanticipated Consequences of Purposive Social Action."

American Sociological Review. 1 (December):894-904.

Mitchell, John B. and Geoffrey Gibson
1968 "Reorganization of Health Care for Rural Residents." Paper presented at the Annual Meeting of the Rural Sociological Society. Boston, Massachusetts.

Napier, Ted L.
1971 "The Impact of Water Resources Development Upon Local Rural Communities: Adjustment Factors to Rapid Change." Columbus: Ohio State University (Dissertation).

Napier, Ted L. and C. J. Wright
1974 "An Evaluation of Forced Relocation of Population Due to Rural Community Development: Land Acquisition." Columbus: Ohio Agricultural Research Development Center Bulletin #1073.

National Advisory Commission on Rural Poverty
1967 "Rural Poverty." Hearings before the National Advisory Commission on Rural Poverty. Tucson, Arizona.

Nelson, Donald L.
1975 "Extension Community Development...Going..Growing." Washington, D.C.: U.S. Government Printing Office.

North Central Regional Center for Rural Development
1973 Rural Development: Research Priorities. Ames, Iowa: Iowa State University Press.

North Central Regional Extension Committee on Community Resource Development
1970 "Community Development: Planning, Evaluation and Research Priorities." Minneapolis, Minnesota: Farm Foundation.

Nygren, M.
1971 "Rural Housing in the United States: Essential Steps Required to Upgrade It." Washington, D.C.: National Academy of Sciences.

Peterson, John H.
1971 "Community Organization and Rural Water System Development." State College, Mississippi: Water Resources Research Institute.

Photiadis, John D.
1963 "Critical Examination of Change Programs in the Light of a System of Equilibrium." Rural Sociology. 28:352-363.

Photiadis, John D.
1968 "Extension Aims and Societal Change." Paper presented at the Annual Meeting of the Rural Sociological Society. Boston, Massachusetts.

Photiadis, John D.
1970 "Extension's Forgotten Aim." Journal of Extension. 8:1:24-25.

Sanders, Irwin T.
1964 "Community Development Programs in Sociological Perspective." Pp. 307-342 in Our Changing Rural Society: Perspectives and Trends, James H. Copp (ed.). Ames Iowa: Iowa State University Press.

Senate Subcommittee on Rural Development
1973 "Progress and Plans for Implementation of Rural Development Act of 1972: Report to the Committee on Agriculture and Forestry." Washington, D.C.: U.S. Government Printing Office.

Senate Subcommittee on Rural Development
1974 "Implementation of the Rural Development Act: Hearing, 93rd Congress." Washington, D.C.: U.S. Government Printing Office.

Taylor, Carl C.
1972 Rural Life in the United States. Westport, Connecticut: Greenwood Press.

United States Department of Agriculture
1970 "Rural Development." Washington, D.C.: USDA Rural Development Service. Fifth Annual Report of the President to the Congress on Government Services to Rural America.

United States Department of Agriculture
1971 "Rural Development Information and Technical Assistance Deliver-
1972 ed by the Department of Agriculture: Annual Report to the Congress." Washington, D.C.: U.S. Government Printing Office.

United States Department of Agriculture
1973 "Community Improvement: The Rural Component." Washington, D.C.: U.S. Government Printing Office.

Wilkinson, Kenneth P.
1970 "Phases and Roles in Community Action.: Rural Sociology. 35 (March):54-67.

Wilkinson, Kenneth P.
1971 "Critical Issues in Community Development Research: A Field Theory Perspective." Paper presented at the Annual Meeting of the Southern Association of Agricultural Workers. Jacksonville, Florida.

Yankelovich, Daniel
1969 A Study of Economic Development Activities in Rural Community Action Agencies. New York: Yankelovich, Inc.

IIb. DEFINITIONS OF EVALUATIVE RESEARCH

Andarawewa, A. B.
1969 "Evaluation of Public Research Programs in Agriculture." Canadian Journal of Agricultural Economics. 3 (November): 157-169.

Ball, Richard A.
1975 "Equitable Evaluation Through Investigative Sociology." Paper presented at the Annual Meeting of the American Sociological Association. San Francisco, California.

Blum, Hendrick L. and Alvin R. Leonard
1963 "Evaluation Research and Demonstration." Pp. 206-322 in Public Administration: A Public Health Viewpoint. New York: The MacMillan Company.

Brooks, Michael P.
1965 "The Community Action Program as a Setting for Applied Research." Journal of Social Issues. 21:1:29-40.

Bruce, R. L.
1968 "Organizing an Extension Service for Development." Community Development Journal. 3:2 (April):94-98.

Brunner, Edmund D. S.
1967 "Evaluation Research in Adult Education." International Review of Community Development. 17-18:97-102.

Chalupsky, Albert B.
1969 "Evaluating Educational Programs: A Symposium." Urban Review. 3:3 (February):4-22.

Coverdale, Geoffrey M.
1972 "Education and Rural Development." Paper presented at the World Congress for Rural Sociology. Sydney, Australia.

Divita, Charles Jr. (ed.)
1973 An Evaluation of the Rural Community Assistance Consortium (June 1971 through September 1972). Tallahassee, Florida: Action Research Corporation.

Elinson, Jack
1967 "Effectiveness of Social Action Programs in Health and Welfare." Pp. 77-88 in Assessing the Effectiveness of Child Health Services. Columbus, Ohio: Ross, Laboratories.

Epstein, Irwin, Tony Tripodi, and Phillip Fellin
1973 "Community Development Programmes and Their Evaluation." Community Development Journal. 8:1 (January) : 28-36.

Erwin, W.
1973 "Rural Development: A Movement Whose Time Has Come." Journal of the American Society of Farm Managers and Rural Appraisers.

37:1 (April):29-31.

Etzioni, Amitai and Edward W. Lehman
1967 "Some Dangers in 'Valid' Social Measurement." The Annals of the American Academy of Political and Social Science. 373 (September):1-15.

Ferman, L. A.
1969 "Some Perspectives on Evaluating Social Welfare Programs." The Annals of the American Academy of Political and Social Science. 385:143-156.

Flanagan, John C.
1966 "Evaluating Educational Outcomes." Science Education. 50:3: 248-251.

Fleck, Andrew C.
1961 "Evaluation as a Logical Process." Canadian Journal of Public Health. 52 (May):185-191.

Fleck, Andrew C.
1963 "Evaluation Research Programs in Public Health Practice." Annals of the New York Academy of Sciences. 107:2:717-724.

Gildseth, Bruce and Clyde A. Parker
1971 "Program Evaluation as a Specific Intervention." Journal of College Student Personnel. 12:1 (January):11-15.

Glass, Gene V.
1972 The Growth of Evaluation Methodology. Chicago: Rand McNally Monograph Series on Curriclum Evaluation.

Glass, Gene V. and B. Worthern
1972 "Educational Evaluation and Research: Similarities and Differences." In Curriculm Theory Network, J. Weiss (ed.). Toronto: The Ontario Institute for Studies in Education.

Goodman, Robert
1971 After the Planners. New York: Simon and Schuster.

Greenberg, Bernard G. and Berwyn F. Mattison
1955 "The Whys and Wherefores of Program Evaluation." Canadian Journal of Public Health. 46 (July):293-299.

Guba, Egon G.
1968 "Development, Diffusion and Evaluation." Pp. 37063 in Knowledge Production and Utilization in Educational Administration, Terry I. Eidell and Joanne M. Kitchel (eds.). Corvallis, Oregon: University of Oregon.

Guba, Egon G. and Daniel L. Stufflebeam
1968 Evaluation: The Process of Stimulating Aiding and Abetting Insightful Action. Columbus, Ohio: Evaluation Center.

Guba, Egon G.
1969 "The Failure of Educational Evaluation." Educational Technology. 9:5:29-38.

Hemphill, John K.
1969 "The Relationships Between Research and Evaluation Studies." Pp. 189-220 in Educational Evaluation: New Roles, New Means, Ralph W. Tyler (ed.). Chicago: National Society for the Study of Education.

Jacob, Nelson, Adger B. Carroll, and Edward L. McLean
1975 "Title V in South Carolina: Objectives, Plan of Work and Ongoing Activities." Paper presented at the Annual Meeting of the Southern Association of Agricultural Scientists. New Orleans, Louisiana.

Johnson, Milo P. and Albert J. Grafsky
1973 "Accountability: Evaluation for Occupational Programs." Chicago: American Technical Society.

Kogan, Leonard S. and Ann W. Shyne
1966 "Tender-minded and Tough-minded Approaches in Evaluative Research." Welfare in Review. 4:2·12-17.

Korshing, Peter F. and Paul D. Warner
1975 "Use and Impact of Para-professionals in Community Development." Paper presented at the Annual Meeting of the Southern Association of Agricultural Scientists. New Orleans, Louisiana.

Larson, Olaf F.
1965 "Contributions of Rural Sociology Research and Evaluation to Extension Development in the United States." Sociologica Ruralis. 5:3:308-332.

Lemkau, Paul V. and Benjamin Pasamanick
1957 "Problems in Evaluation of Mental Health Programs." American Journal of Orthopsychiatry. 27:1:55-58.

Lutz, Arlene E. and Donald W. Swoboda
1972 "Accountability in Extension." Journal of Extension. 10:4 (Winter):45-48.

MacMahon, Brian, Thomas F. Pugh, and George B. Hutchinson
1961 "Principles in the Evaluation of Community Mental Health Programs." American Journal of Public Health. 51:7: (July):963-968.

Merwin, Jack C. and Frank B. Womer
1970 "Evaluation in Assessing the Progress of Education to Provide Bases of Public Understanding and Public Policy." Pp. 306-312 in Educational Evaluation: New Roles, New Means, Ralph Tyler (ed.). Chicago: The University of Chicago Press.

Mezirow, Jack
1971 "Toward a Theory of Practice." Adult Education Journal. 21:3: 135-147.

Miller, K. M.
1955 "Evaluation in Adult Education." International Social Science Bulletin. 7:3:430-442.

Miller, S. M.
1965 Evaluating Action Programs." Transaction. 2 (March/April): 38-39.

Moseley, L. G.
1971 "Evaluative Research in Community Development." Community Development Journal. 6:3 (Autumn):156-161.

Moss, L.
1955 "The Evaluation of Fundamental Education." International Social Science Bulletin. 7:3:398-417.

Paul, L. C.
1970 "Is the Innovator Dead?" Journal of Extension. 8:1 (Spring): 6-10.

Reed J. A.
1974 "Program-Evaluation Research." Federal Probate. 39:1:37.

Rogers, Everett M. and A. Eugene Havens
1962 "Predicting Innovativeness." Social Inquiry. 32:1 (Winter): 34-42.

Rossi, Peter
1967 "Evaluating Social Action Programs." Transaction. 4:7 (June):51-53.

Sabrosky, Laurel K.
1966 "Evaluation." Pp. 339-351 in The Cooperative Extension Service, H. C. Sanders (ed.). Englewood Cliffs, New Jersey: Prentice-Hall.

Scriven, Michael
1969 "An Introduction to Meta-evluation." Educational Product Report. 2:5:36-38.

Scriven, Michael
1972 "Pros and Cons About Goal-free Evaluation." Evaluation Comment. 3 (December).

Steele, Sara
1975 "An Emerging Concept of Program Evaluation." Journal of Extension. 13 (March/April):13-22.

Stufflebean, Daniel L.
1968 "Toward a Science of Educational Evaluation." Educational Technology. 8:14:5-12.

Suchman, Edward
1967 "Principles and Practice of Evaluative Research." Pp. 327-351 in An Introduction to Social Research, John T. Doby (ed.). New York: Appleton-Century-Crofts.

Veer, J.
1971 "The Economic Evaluation of Research in the Agricultural Sciences and of Extension Work." International Conference on Agricultural Economics Proceedings. 14:542-552.

Wasserman, P.
1959 "Measurement and Evaluation of Organizational Performance." Ithaca, New York: Cornell University.

Weiss, Robert S. and Martin Rein
1969 "Evaluation of Broad Aim Social Programs: Paper presented to the American Academy of Arts and Sciences Conference. Roxbury, Massachusetts.

Weiss, Robert S. and Martin Rein
1970 "The Evaluation of Broad Aim Programs," A Cautionary Case and a Moral." Administrative Science Quarterly. 15:1:97-109.

Wilder, David E.
1959 "Problems of Evaluation Research." Pp. 243-272 in An Overview of Adult Education Research, Edmund Brunner (ed.). Chicago: Adult Education Association.

Wilheim, Fred T. (ed.)
1967 Evaluation as Feedback and Guide. Washington, D. C.: National Educational Association.

Wilkinson, Kenneth P.
1968 "Watershed Development in the Community Field." Paper presented at the Annual Meeting of the Rural Sociological Society. Boston, Massachusetts.

III. CRITERIA-SETTING

Albanese, R.
1973 "Criteria for Evaluating Authority Patterns." Academic Management Journal. 16:102.

Arnold, Mary F.
1963 "Principles of Evaluation In: The Voluntary Health Agency--Getting Community Action." San Francisco: Western Regional Offices, APHA.

Baer, W. C.
1975 "Making of Perfect and Beautiful Social Programs." Public Interest. 39:80-98.

Barr, W. and Harold Giuther
1974 "Suggestions for Regional Extension Program Development." American Journal of Agricultural Economics. 56:5:1209.

Bateman, Worth
1968 "Assessing Program Effectiveness: A Rating System for Identifying Relative Program Success." Welfare in Review. 6:1:1-10.

Bender, Ralph E.
1947 "The Development of a Problem Checklist and a Demonstration of Its Use in Planning Rural Youth Programs." Columbus: Ohio State University.

Borus, Michael E. and William R. Tash
1970 "Measuring the Impact of Manpower Programs: A Primer." Ann Arbor: University of Michigan, Wayne State University, Institute of Labor and Industrial Relations.

Brooks, Ralph M.
1971 "Social Indicators for Community Development: Theoretical and Methodological Considerations." Ames, Iowa: Iowa State University (Dissertation).

Brooks, Ralph M., Leslie D. Wilcox, George M. Beal, and Gerald E. Klonglan
1971 "Toward the Measurement of Social Indicators: Conceptual and Methodological Implications." Paper presented at the Annual Meeting of the American Statistical Association. Fort Collins, Colorado.

Burton, John E. and David L. Rogers
1976 "A Model for Evaluating Development Programs." Ames, Iowa: North Central Regional Center for Rural Development.

Butz, Earl L.
1974 "Rural Development Goals: Annual Report of the Secretary of Agriculture to the Congress." Washington, D. C.: U.S. Department of Agriculture.

Capener, H. R.
1974 "Enhancing Social Opportunities." Pp. 108-121 in Communities Left Behind: Alternatives for Development. L. R. Whiting (ed.). Ames, Iowa: Iowa State University.

Connor, Thomas R.
1970 "Some Notes on the Proposed Evaluation of Canada New Start." Paper presented at the Research Director's Conference. Ottawa, Canada.

Darkenwald, Gordon G.
1971 "Research Based Action Priorities for Adult Basic Education." Cogito-Knowledge and Action in Adult Education. 2 (November): 52-59.

Denton, Leonard R.
"New Start Evaluation: Organizational Style as a Variable in Appraising New Start--A Study Proposal for Consideration by Research Directors and Senior Research Personnel of New Start Corporations."

Dyer, Henry S.
1966 "The Pennsylvania Plan: Evaluating the Quality of Educational Programs." Science Education. 50:3:242-248.

Food and Agriculture Organization (United Nations)
1960 "Some Guidelines for Evaluating Home Economics Extension Programs." Paper presented at the European Seminar on Evaluation of Home Economics Extension Programs. Vienna, Austria.

Ghorpade, Jaisingh
1971 Assessment of Organizational Effectiveness. Pacific Palisades, California: Goodyear Publishing Company.

Golembiewski, Robert T.
1972 "Toward Building New Work Relationships: An Action Design for a Critical Intervention." Journal of Applied Behavioral Science. 8:2 (March/April):135-148.

Gray, I.
1969 "Employment Effect of a New Industry in a Rural Area." Monthly Labor Review. 92:6 (June):26-30.

Green, James W. and Selz C. Mayo
1953 "A Framework for Research in the Actions of Community Groups." Social Forces. 31 (May):320-327.

Heady, E. O.
1972 "Objectives of Rural Community Development and Their Attainment." Pp. A-All in Focus on Iowa Seminar Papers.

Herzog, Allen N. and Leonard R. Denton
1970 "A Model for the Evaluation of an Action Research Program." Paper presented at the Eighth Canadian Conference on Educational Research. Ottawa, Canada.

Herzog, Allen N.
1971 "Toward Evaluating New Start." Yarmouth, Nova Scotia: Nova Scotia New Start.

Herzog, Elizabeth
1959 Some Guidelines for Evaluative Research. Washington, D. C.: U.S. Department of Health, Education and Welfare, Social Security Administration, Children's Bureau.

Hessling, P.
1964 "Principles of Evaluation." Social Compass. 11:6:5-22.

James, George
1961 "Planning and Evaluation of Health Programs." In Administration of Community Health Services. Chicago: International City Manager's Association.

Katz, Daniel and Robert L. Kahn
1971 "The Concept of Organizational Effectiveness." Pp. 52-73 in Assessment of Organizational Effectiveness, Jaisingh Ghorpade (ed.). Pacific Palisades, California: Goodyear Publishing Company.

Kramer, Ralph and Harry Specht
1969 Readings in Community Organization Practice. Englewood Cliffs, New Jersey: Prentice-Hall.

Ladewig, Howard and Vance Edmondson
1972 "The Effectiveness of Non-professionals in Cooperative Extension Education for Low-income Farmers." College Station, Texas: Texas Agricultural Experiment Station.

Lewis, Frank C. and Frank G. Zarb
1974 "Federal Program Evaluation from Office of Management/Budget Perspective." Public Administration Review. (July/August): 308-317.

Lewis, Robert B.
1973 "Motivation Models for Extension." Journal of Extension. 10:4 (Winter):23-24.

Likert, R.
1958 "Measuring Organizational Performance." Harvard Business Review. 36:41-48.

Longest, James W. and Christine Tennant
1975 "The Relationship of Training and Leadership Functioning of Para-professionals." Paper presented at the Annual Meeting

of the Southern Association of Agricultural Scientists. New Orleans, Louisiana.

Maki, W. R.
1972 "Economic Research Problems and Long-run Research Needs in Rural Development." Minneapolis, Minnesota: University of Minnesota Institute of Agriculture.

Mangum, Carth
1968 "Evaluating Manpower Programs." Monthly Labor Review. 91:2: 21-22.

Miller, Harry L.
1958 "Factors in Community Action Programs." Social Problems. 6:51-59.

Parsell, Alfred P.
1966 "Dynamic Evaluation: The Systems Approach to Action Research." Paper presented at the Annual Meeting of the American Sociological Association.

Provus, Malcolm
1969 "Evaluation of Ongoing Programs in the Public School System." Pp. 242-283 in Educational Evaluation: New Roles, New Means, Ralph W. Tyler (ed.). Chicago: National Society for the Study of Education.

Provus, Malcolm
1969 Discrepancy Evaluation Model: 1969. Pittsburgh: Pittsburgh Public Schools.

Rogers, David L.
1972 "Organizational Prestige: Some Theoretical and Methodological Implications of Organizational Evaluation." Paper presented at the Annual Meeting of the Rural Sociological Society. Baton Rouge, Louisiana.

Ruesink, David C., John T. Pelham, and James Mallett
1973 "Identifying and Working with Decision-makers for Community Development." Paper presented at the Annual Meeting of the Rural Sociological Society. College Park, Maryland.

Schulberg, Herbert C. and Frank Baker
1968 "Program Evaluation Models and the Implementation of Research Findings." American Journal of Public Health. 58:1248-1255.

Seashore, S. E.
1962 The Assessment of Organizational Performance. Ann Arbor, Michigan: Social Survey Research Center.

Semple, Clarence A.
"Guidelines for Implementing Training Effectiveness Evalu-

ation. Final Report." Orlando, Florida: Manned Systems Science, Inc.

Sherwood, Clarence C.
1967 "Issues in Measuring Results of Action Programs." Welfare in Review. 5:7:13-18.

Singh, Raghu N. and Howard L. Smith
1974 "On the Use of Delphi Method in Assessing Environmental Impacts of a Community Watershed Development." Paper presented at the Annual Meeting of the Rural Sociological Society. Montreal, Canada.

Sonka, S. T. and E. O. Heady
1974 "Effects of Alternative Farm Policies on Farm and Non-farm Sectors of Rural America." Southern Journal of Agricultural Economics. 6:2:47-58.

Stake, Robert E.
1967 "The Countenance of Educational Evaluation." Teachers College Record. 68:523-540.

Stein, Herman D.
1962 "Assessing Social Agency Effectiveness." Pp. 22-32 in Research in Social Welfare Administration, David Fanshel (ed.). New York: National Association of Social Workers.

Stein, Herman D., George Hougham, and Serapio R. Zalba
1968 "Assessing Social Agency Effectiveness: A Goal Model." Welfare in Review. 6:2:13-18.

Stufflebeam, Daniel L.
1969 "Recommendations for the Design and Development of an Evaluation System for the Bureau of Educational Personnel Development." Report presented to the Bureau of Educational Personnel Development, Division of Assessment and Coordination.

U.S. Department of Agriculture
1974 "Rural Development Goals: First Annual Report of the Secretary of Agriculture to the Congress." Washington, D.C.: Office of the Secretary, USDA.

Walster, G. W. M. Trether, and G. Fitzgerald
1975 "Evaluative Decision Making with Analysis of Variance." Madison, Wisconsin: University of Wisconsin School of Social Science, Russell Sage Foundation.

Washington, Robert O.
1973 "Toward the Development of a Conceptual Model for the Evaluation of Human Resources Development and Utilization Program." Waltham, Massachusetts: Brandeis University.

Waterston, Albert
1965 Development Planning: Lesson of Experience. Baltimore: The John Hopkins Press.

Weber, Marvin G. and Joyce Dahlquist
1968 "Rural Social Services: An Evaluative Standard." Paper presented at the Annual Meeting of the Rural Sociological Society. Boston, Massachusetts.

Weiss, Carol H.
1974 "Alternative Models of Program Evaluation." Social Work. 19:6:675.

Worthen, Blaine R.
1968 "Toward a Taxonomy of Evaluation Designs." Educational Technology. 8:15:3-9.

IV. STRATEGIES OF EVALUATION: METHODOLOGY

Alkin, Marvin C. and Carol T. Fitz-Gibbon
1975 "Methods and Theories of Evaluating Programs." Journal of Research and Development in Education. 8:3: (Spring):2-15.

Alvin, D. and M. J. Sullivan
1975 "Issues of Design and Analysis in Evaluation Research." Sociological Methods and Research. 4 (August):1:77-101.

Baker, F.B.
1967 "Experimental Design Considerations Associated with Large-scale Projects." Pp. 206-256 in Improving Experimental Design and Statistical Analysis, J.C. Stanley (ed.). Chicago: Rand McNally.

Barnow, B.S.
1972 "Conditions for the Presence or Absence of a Bias in Treatment Effect: Some Statistical Models for Head Start Evaluation." Madison, Wisconsin: University of Wisconsin, Institute for Research on Poverty.

Benedict, Larry G.
1973 "The Fortune-Hutchinson Evaluation Methodology: A Decision Oriented Approach." Paper presented at a Symposium of the American Educational Research Association. New Orleans, Louisiana.

Bennett, Claude F.
1973 Theory and Strategy for Evaluation of Knowledge Dissemination. Washington, D.C.: Extension Service, USDA, Program and Staff Development.

Bennett, Claude F. and Donald L. Nelson
1973 "Evaluation of Community Development: A Multi-level Approach." Paper presented at the Meeting of the Southern Regional Community Resource Development Subcommittee. Wilmington, North Carolina.

Bennis, Warren
1965 "Theory and Method in Applying Behavior Science to Planned Organizational Change." Journal of Applied Behavioral Science. 1:4:337-360.

Bernstein, Ilene N., G. W. Bohrnstedt, and E. F. Borgatta
1975 "External Validity and Evaluation Research: A Codification of Problems." Sociological Methods and Research. 4:1 (August): 101-128.

Bernstein, Ilene N. and E. B. Sheldon
1975 "Methods of Evaluative Research." In Social Science Methods, R. Smith (ed.). New York: Free Press.

Berty, Ernest
1968 "Some Principles and Practices of Evaluation," Paper presented at the West Virginia State Department of Education In-Service Program.

Boruch, Robert F.
1975 "Coupling Randomized Experiments and Approximations to Experiments in Social Program Evaluation," Sociological Methods and Research. 4:1 (August):31-53.

Campbell, Donald T.
1971 "Methods for the Experimenting Society." Paper presented at the Annual Meeting of the American Psychological Association.

Campbell, Donald T.
1973 "Experimentation Revisited: A Conversation with Donald T. Campbell." Evaluation. 1:7-13.

Campbell, Donald T.
1974 "Assessing the Impact of Planned Social Change," OECD/Dartmouth Seminar on Social Research and Public Policies. (September):13115.

Campbell, Donald T. and R. F. Borach
1975 "Making the Case for Randomized Assignment to Treatments by Considering the Alternatives: Six Ways in which Quasi-experimental Evaluations on Compensatory Education Tend to Underestimate Effects." Paper presented at the Conference on Central Issues in Social Program Evaluation. Seattle, Washington.

Caro, Francis G.
1969 "Approaches to Evaluative Research: A Review." Human Organization. 28:2:87-99.

Charters, W. W. Jr. and John E. Jones
1973 "On the Risk of Appraising Non-events in Programs Evaluation." Educational Researcher. 2 (November):5.

Choate, Norman L.
1972 "Evaluation and Methods in Applied Research." Review of Religious Research. 13:2 (winter):101-106.

Cohen, Jacqueline and Alfred Blumstein
1975 "On the Control of Selection Effects in the Evaluation of Social Programs." New York: Carnegie-Mellon Foundation.

Cook, Desmond L.
1966 Program Evaluation and Review Technique: Applications in Education. Washington, D. C.: U.S. Department of Health, Education and Welfare, Office of Education.

Davie, Lynn, Terry Patterson, Dorothy Mackeracher, and Richard Cawley
1975 "Shared Process Evaluation System (SHAPES)." Paper presented

at Adult Education Research Conference. St. Louis, Missouri.

De Failly, Didier
1972 "Agricultural Education in Zaire: An Essay in the Methodology of Analysis and Evaluation." Paper presented at the Third World Congress for Rural Sociology. Baton Rouge, Louisiana.

Deniston, O. L. and I. M. Rosenthal
1973 "Validity of Non-experimental Designs for Evaluating Health Services." Health Service. 88:153.

Evans, J. W. and J. Schiller
1970 "How Preoccupation with Possible Regression Artifacts Can Lead to a Faulty Strategy for the Evaluation of Social Action Programs: A Reply to Campbell and Erlebacher." Pp. 216-220 in The Disadvantaged Child, J. Hellmuth (ed.). New York: Brunnerl Mazel.

Finney, Henry C. and Roy Haupt
1975 "Pro's and Con's of Two Wave Panel Design in Evaluating Project Impact on a Target Population: Research Notes and a Comparison of Panel and Retrospective Measures of Change." Paper presented at the Annual Meeting of the American Sociological Association. San Francisco, California.

Geilser, Charles C. and Eugene A. Wilkening
1974 "An Alternative Approach to the Evaluation of Educational Quality." Paper presented at the Annual Meeting of the Rural Sociological Society. Montreal, Canada.

Glass, Gene V.
1972 "Educational Product Evaluation: A Prototype Format Applied." Educational Research. 1 (January):7-10.

Goldberger, A. S.
1972 "Selection Bias in Evaluating Treatment Effects: Some Formal Illustrations." Madison, Wisconsin: Institute for Research on Poverty.

Goodwin, W. L. and J. R. Sanders
1972 "The Use of Experimental and Quasi-Experimental Designs in Educational Evaluation." Boulder, Colorado: University of Colorado Laboratory of Educational Research.

Havens, A. Eugene
1965 "Increasing the Effectiveness of Predicting Innovativeness." Rural Sociology. 30:2:150-165.

Hayes, Samuel P.
1959 Measuring the Results of Development Projects. Paris: UNESCO.

Hayes, Samuel P.
1966 Evaluating Development Projects. Paris: UNESCO.

Henderson, H. A. and B. J. Bond
1966 "Evaluating Development Programs." Journal of Cooperative Extension. 4 (Winter):233-239.

Hertzog, Allen and L. R. Denton
1971 "A Compendium of Papers on Evaluation and Methodology." Yarmouth, Nova Scotia: Nova Scotia New Start.

Hyneman, Charles S.
1959 "Means/ends Analysis in Policy Science." Products. 2 (March):19-22.

Johnson, Sue and Rabel J. Burdge
1974 "A Methodology for Using Diachronic Studies to Predict the Social Impact of Resource Development." Paper presented at the Annual Meeting of the Rural Sociological Society. Montreal, Canada.

Kelman, Howard R. and Jack Elinson
1968 "Strategy and Tactics of Evaluating a Large Scale Medical Care Program." Paper presented at the Annual Meeting of the American Statistical Association. Pittsburgh, Pennsylvania.

Knutson, Ardi L.
1955 "Evaluating Program Progress." Public Health Reports. 70:3 (March):305-310.

Koprowski, Eugene J.
1972 "Improving Organization Effectiveness through Action Research Teams." Training and Development Journal. 26:6 (June):36-40.

Landsverk, John and Emil Bukanovic
1973 "A Computer Based Method for Evaluating Research Findings." Paper presented at the Annual Meeting of the American Sociological Association. New York, New York.

Lassey, William R., Douglas Bishop, and Henry Jiboja
1972 "Applications of Social Science to Management Information Systems and Evaluation Process: A Peace Corps Mode.: Paper presented at the Annual Meeting of the Rural Sociological Society. Baton Rouge, Louisiana.

Leinhardt, Gaea
1975 "A Strategy for Program Evaluation." Pittsburgh, Pennsylvania: University of Pittsburgh Learning Research and Development Center.

Light, R. J. and P. V. Smith
1970 "Choosing a Future: Strategies for Designing and Evaluating New Programs." Harvard Educational Review. 40:1-28.

Longest, James
1975 "Designing Evaluative Research." Journal of Extension. 8 (March/April):48-55.

Longest, James
1975 "Paths Out of Poverty." College Park, Maryland: University of Maryland Agricultural Experiment Station.

Lyall, Katherine C.
1975 "Some Observations on Design Issues in Large-scale Social Experiments." Sociological Methods and Research. 4:1 (August):54-76.

Magnum, Garth L.
1968 "Evaluating Manpower Programs." Monthly Labor Review. 91:2:21-22.

McDavid, John W.
1968 "Problems of Educational Evaluation in Project Head Start: Sampling, Design and Control Groups." Washington, D.C.: U.S. Office of Economic Opportunity, Project Head Start, Division of Research and Evaluation.

McLean, Edward L.
1968 "Utilization of Factor Analysis in Community Research." Proceedings of the Southwestern Sociological Association. 19:110-121.

Merton, Robert K. and Patricia L. Kendal
1946 "The Focused Interview." American Journal of Sociology. 60:541-557.

Merton, Robert K. and Patricia L. Kendal
1966 "Methods and Procedures of Evaluation in Development Aid: Conference Report." Berlin, West Germany.

Moe, Edward O.
1974 "Evaluation Needs Under Title V of the Rural Development Act of 1972." Paper presented at the Northeast Regional Center for Rural Development Workshop on Evaluating State Title V Pilot Programs in the Northeast. Ithaca, New York.

Mogulof, Melvin B.
1967 "A Developmental Approach to the Community Action Program Idea." Social Work. 12:2 (April):12-20.

Mulford, Charles L., Gerald E. Klonglan, and Joseph P. Kapachevsky
1974 "Interorganizational Relations and Goal Achievement." Paper presented at the Annual Meeting of the Rural Sociological Society. Montreal, Canada.

National Center for Health Statistics, Health Services and Mental Health Administration
1972 "Interviewing Methods in the Health Interview Survey." Vital and Health Statistics. 2:48:86.

Noblit, George W. and Paul H. Radtke
1975 "Program Ideology Analysis: An Analytic Technique for Evalua-

tion Research." Paper presented at the annual meetings of the Southwestern Sociological Association, San Antonio, Texas.

Ott, Jack M.
1969 "Classification System for Decision Situations: An Aid to Educational Planning and Evaluation." Educational Technology. 9:2:20-23.

Porter, A. C. and T. Chibucos
1975 "Common Problems of Design and Analysis in Evaluative Research." Sociological Methods and Research. 3:235-257.

Rensi, G. and H. D. Claxton
1972 "A Data Collection and Processing Procedure for Evaluating a Research Program: Forestry." Pacific Southwest Forest and Range Experiment Station, U.S. Forest Service.

Roberts, Beryl J.
1962 "Concepts and Methods of Evaluation in Health Education." International Journal of Health Education. 5:2 (April/June):52-62.

Scriven, M.
1967 "The Methodology of Evaluation." Pp. 29083 in Perspectives of Curriculum Evaluation. Chicago: Rand McNally.

Snyder, D. E.
1974 Attacking Rural Poverty: How Noninformal Education Can Help. Baltimore: John Hopkins University Press.

Somers, Gerald G.
1965 "Research Methodology in the Evaluation of Retraining Programmers." Madison, Wisconsin: Industrial Relations Research Institute.

Southwestern Regional Seminar for School Food Service Administration
1970 "Project Review." Pp. 186-200. in Proceedings of the Southwestern Regional Seminar for School Food Service Administration. Stillwater, Oklahoma.

Stanley, Julian C.
1971 "The Design of Controlled Educational Experiments." Encyclopedia of Educational Research. New York: Crowell-Collier.

Stanley, Julian C.
1972 "Controlled Field Experiments as a Model for Evaluation." Pp. 67-71 in Evaluating Social Programs, Peter Rossi and Walter Williams (ed.). New York: Seminar Press.

Stauber, Richard L.
1968 "PPBS for Extension?" Journal of Cooperative Extension. 6: (Winter):229-235.

Steele, Sara
1970 "Program Evaluation: A Broader Definition." Journal of Extension. 8:(Summer):5-17.

Steele, Sara
1973 Contemporary Approaches to Program Evaluation: Implications for Evaluating Program for Disadvantaged Adults. Washington, D. C.: Capital Publications.

Steele, Sara and Robert E. Brack
1973 Evaluating the Attainment of Objectives: Process, Properties, Problems and Prospects. Syracuse, New York: Syracuse, University Publication in Continuing Education.

Underhill, R.
1968 Methods in the Evaluation of Programs for Poor Youth. Chicago: National Opinion Research Center.

UNESCO
1959 Evaluating Development Projects. New York: United Nations Educational, Scientific and Cultural Organization.

U.S. Agency for International Development
1972 Evaluation Handbook. Washington, D. C.: Office of Program Evaluation.

Walther, R. H.
1968 "A Study of the Effectiveness of Selected Out of School Neighborhood Youth Corps Programs: Methodological Considerations in Evaluative Research Involving Disadvantaged Populations." Washington, D. C.: Social Science Research Group, George Washington University.

Weiss, Carol H.
1966 "Planning an Action Project Evaluation." Pp. 6-21 in Learning in Action, June L. Shmelzer (ed.). Washington, D. C.: U.S. Government Printing Office.

Weiss, Robert S. and Martin Rein
1970 "The Evaluation of Broad Aim Programs: Experimental Designs, Its Difficulties and an Alternative." Administrative Science Quarterly. 15:1:97-109.

Welty, Gordon A.
1969 "Experimental Designs and Applied Research." California Journal of Educational Research. 20:1:40-44.

Wentling, Tim L.
"Development and Field Test of Strategies for Locally-directed Evaluation of Career Education Programs." Springfield, Illinois: Illinois State Office of the Superintendent of Public Instruction.

Wetherill, G. Richard
1976 "The Process of Evaluation in Rural Development." College Station, Texas: Texas A&M University, (mimeo).

IVb. STRATEGIES FOR EVALUATION: CASE STUDIES

Abernathy, Thomas J. and Evan R. Powell
1973 "A Three-year Follow Up of Rural White Head Start Pupils." Paper presented at the Annual Meeting of the Southern Sociological Society. Athens, Georgia.

Alexander, Frank D., Richard E. Eschler, and Joseph C. Dell
1963 "A Field Experiment in Diffusion of Knowledge of Dairy Cattle Feeding through a T. V. School "

Alexander, Frank D. and James W. Longest
1962 "Evaluation of the Farm Management Phase of the Farm and Home Management Program in New York State." Ithaca, New York: State University of New York.

American Technical Assistance Corporation
1967 An Analysis of the VISTA Program and Appalachian, Volunteers, Inc. Washington, D.C.: American Technical Assistance Corporation.

Ammerman, Harry L. (ed.)
1972 The Oregon Studies in Educational Research, Development, Diffusion and Evaluation (Vol. IV): Profiles of Exemplary Projects in Educational RDD and D. Final Report. Washington, D.C.: National Center for Educational Research and Development.

Andrews, W. H. and W. W. Bauder
1968 The Effects of Industrialization on a Rural County: Comparison of Social Change in Monroe and Noble Counties of Ohio. Wooster, Ohio: Ohio Agricultural Research and Development Center.

Bennett, Claude and Robert C. Leonard
1970 Field Experimentation in Rural Sociology." Rural Sociology. 35:1 (March):69-76.

Bigger, Jeanne C. and Howard M. Sauer
1966 "Evaluation of the Farm and Home Development Program in Devel County: 1958 to 1964." Brookings, South Dakota: South Dakota State University.

Borcher, Sidney Dean
1970 "Experimental Evaluation of Demonstrations in Teaching Vocational Agriculture." Ames, Iowa: Iowa State University.

Breedlove, J. L. and M. S. Krause
1966 "Evaluative Research Design: A Social Casework Illustration." Pp. 456-477 in Methods of Research in Psychotherapy, L. A. Gottschalk and A. H. Auerback (ed.). New York: Appleton-Century-Crofts.

Bureau of Management Consulting
1974 "Canada New Start Organization Model Evaluation." Ottawa, Canada: Social and Human Analysis Branch, Department of Regional Economic Expansion.

Butter, Irene, Gordon T. Moore, Robert L. Robertson, and Elizabeth Hall
1972 "Effects of Manpower Utilization on Cost and Productivity of a Neighborhood Health Center." Milbank Memorial Fund Quarterly. 50:4 (October):421-452.

Caplan, Eleanor K.
1968 "Evaluation of a Program Involving Multiple Community Agencies." International Journal of Comparative Sociology. 9:2 (June):137-141.

Carley, D. H.
1974 "Alternatives and Costs of Handling Solid Waste Materials in Urban Fringe and Rural Communities." Athens, Georgia: Georgia Agricultural Experiment Station.

Carlozzi, C. A., N. E. Engel, and A. J. W. Scheffey
1974 "Natural Resource Policies and Planning for Rural Development." Amherst, Massachusetts: University of Massachusetts.

Catalanello, Ralph F., Kent A. Mingo, and George E. Pinches
1972 "Evaluative Research Design for a Health Manpower Innovation." Social Science and Medicine. 6:2 (April):229-239.

Cicirelli, V. G.
1969 The Impact of Head Start: An Evaluation of the Effects of Head Start on Children's Cognitive and Affective Development. Vol. 1, Report to the U.S. Office of Economic Opportunity by Westinghouse Learning Corporation and Ohio University. Washington, D.C.: Government Printing Office.

Clinton, Lawrence, Joseph H. Stauss, and Bruce A. Chadwick
1972 "An Evaluation of a Federal Program for Improving the Employability of Emigrants from Indian Reservations." Paper presented at the Annual Meeting of the Southwestern Sociological Society. San Antonio, Texas.

Clinton, Lawrence, Bruce A. Chadwick, and Howard M. Bahr
1975 "Indian Relocation Reconsidered: Antecedents of Employment Among Indian Males." Rural Sociology 40:2 (Summer):117-132.

Clinton, Lawrence, Bruce A. Chadwick, and Howard M. Bahr
1973 "Vocational Training for Indian Migrants: Correlates of Success in a Federal Program." Human Organization 32 (Spring):17-28.

Clippinger, Judi
1975 "Shenango Development Project: An Evaluation of Theory and Program." Ithaca, New York: Cornell University (M.S. Thesis).

Cohen, G. R. and A. H. Yonkers
1969 "Evaluation of the War on Poverty, Education Programs." Research Management Progams. Washington, D.C.: U.S. Government Printing Office.

Contado, Tito E.
1970 "Community Fidelity: A Measure of Agriculture Extension Effectiveness." Philippine Sociology Review. 18:1 (January):32-38.

Cordes, Sam M.
1975 "Assessment of Current and Recent Research on Rural Health Care Delivery by USDA and Colleges of Agriculture." Paper presented at the Rural Health Care Research Forum. Roanoke, Virginia.

Davie, Lynn, Terry Patterson, Dorothy Mackeracher, and Richard Cawley
1974 "SHAPES: Case Study." Conducted in Williams, Arizona in cooperation with the Cooperative Extension Service of Arizona.

Dawson, James I.
1975 An Evaluation of the Effectiveness of a Leadership Development Program for Rural Lay Leaders in Lawrence County, Alabama. Normal, Alabama: Alabama Agricultural Extension Service.

De Long, James W. and Robert M. Dimit
1973 "Manpower Training Program Outcomes: Indians and Rural Whites in South Dakota." Paper presented at the Annual Meeting of the Rural Sociological Society. College Park, Maryland.

Di Lorenzo, Louis and Ruth Salter
1968 "An Evaluative Study of Pre-kinderten Programs for Educationally Disadvantaged Children." Exceptional Children. 35:2: 111-120.

Di Medina, Carlos Alberto
1966 "An Evaluation of Two Public Health Training Programs." Milbank Memorial Fund Quarterly. 44:2 (April):154-162.

Dobush, Jack
1971 "An Evaluative Study and Investigation of the Organizational Self-renewal Project in the Rural School District of Three Forks, Montana." Bozeman, Montana; Montana State University.

Duff, Mike
1974 "The Appalachian Community Impact Project: A Description of an Integrated Approach in Rural Development with a Discussion of Integrated Efforts and Principles Vital to Communication and Education." Paper presented at the Third International Conference for Integrated Communication for Rural Development. Honolulu, Hawaii.

Eisdorfer, Carl, John Altrocchi, and Robert F. Young
1968 "Principles of Community Mental Health in Rural Settings: The Halifax County Program." Community Mental Health Journal. 4:5 (June):211-220.

Etzioni, Amitai and Edward W. Lehman
1967 "Some Dangers in 'Valid' Social Management." The Annals of the American Academy of Political and Social Science. 373: (September):1-15.

Fairchild, C. K.
1974 "Manpower Services in Rural Areas: The 'Job Bank' Experience." Michigan Farm Economics. 379: (August):1-3.

Farmer, James
1975 "Evaluating Family Life Education Programs." Journal of Extension. 13: (March/April):23-30.

Feaster, J. Gerald
1972 "Impact of the Expanded Food and Nutrition Education Program on Low-Income Families: An In-Depth Analysis." Washington, D. C.: USDA, Economic Research Service.

Fountain, Hoawatha Boykin
1972 "A Description and Evaluation of a Local Education Change Program for Persons Employed by Local Community Action Agencies." Pittsburgh, Pennsylvania: University of Pittsburgh.

Frankel, R. J.
1974 "A Systems Approach to Assessment of Rural Water Supply Program Effectiveness." Water Resources Research. 10:2:163-169.

Griesman, B. Eugene
1968 "The Concerted Service Approach to Developmental Change in Rural Areas: An Interim Evaluation." Raleigh, North Carolina: U.S. Office of Education, Division of Comprehensive and Vocational Education Research.

Griesman, B. Eugene
1969 "Concerted Services in Training and Education: An Evaluation of Developmental Change." Washington, D. C.: Bureau of Research, North Carolina State University Center for Occupational Education.

Gross, John G.
1969 "A Survey of Attitudes toward Extension Programs in Carroll, Charton, and Saline Counties." Columbia, Missouri: Missouri University Extension Education Department.

Hardee, J. Gilbert
1965 "Planned Change and Systematic Linkage in a Five-year Extension Program with Part-time Farm Families." Rural Sociology. 30:1: (March):23-32.

Hartman, Joel A. and Emory J. Brown
1970 "Evaluation of a Five-year Demonstration Farm Program in Two Pennsylvania Counties." University Park, Pennsylvania: College of Agriculture.

Harvey, Anne O. and Richard Franklin
1968 "A Two-pronged Attempt at Change." Journal of Cooperative Extension. 6:3 (Fall):171-180.

Hawley, John B.
1968 "Comparative Study of Four Community Councils in Rural Saskatchewan." International Journal of Comparative Sociology. 9:2 (June):121-128.

Henkin, Carole Singleton
1973 "Preschool Education for the Rural Disadvantaged: A Study of Head Start in Elmore and Coosa Counties." Normal, Alabama: Alabama A&M University (Dissertation).

Hock, Michael D.
1969 "A Report on the Saginaw-Osttec Collaborative Project in Evaluation, August 1968 to June 1969." Columbus, Ohio: The Ohio State University.

Holliday, L. P.
1969 Appraising Selected Manpower Training Programs in the Los Angeles Area. Santa Monica, California: Rand Corporation.

Horton, Billy D.
1972 "The Appalachian Volunteers: Changes Within a Community Action Organization and Their Relationships to External Responses." Paper presented at the Annual Meeting of the Southern Association of Agricultural Scientists. Richmond, Virginia.

Hunt, D. E. and R. H. Hardt
1969 "The Effect of Upward Bound Programs on the Attitudes, Motivation, and Academic Achievement of Negro Students." Journal of Social Issues. 25:117-129.

Hyman, Herbert H., Charles R. Wright, and Terence K. Hopkin
1962 Applications of Methods of Evaluation: Four Studies of the Encampment for Citizenship. Berkeley, California: University of California Press.

Iceton, E. A.
1970 "The Bannockburn Farm-Community Research Project: A Case Study." Community Development Journal. 5:4 (October):173-182.

Jackson, J. W.
1974 "Local Government Evaluation and Improvement Project: Phase II." Helena, Montana: U.S. Civil Commission, Montana League of Cities and Towns.

Janes, Robert W. and Samuel W. Bywarm
1965 "The Effect of a Voluntary Community Improvement Program on Local Race Relations." Phylon. 26:1 (Spring):25-33.

Karl, Marion C.
1970 "An Example of Process Evaluation in Allegany County Schools, Pittsburgh, Pennsylvania." Paper presented at the Joint Annual Meeting of the American Educational Research Association and the National Council on Measurement in Education. Minneapolis, Minnesota.

Kennedy, Ralph Angus
1973 "The Development and Evaluation of a Community Action System." Los Angeles: University of Southern California (Dissertation).

Ladewig, Howard W. and Vance Edmondson
1972 "An Interim Evaluation: The Effectiveness of Non-professionals in Cooperative Extension Education for Low-income Farmers." Paper presented at the Annual Meeting of the Southern Association of Agricultural Scientists. Richmond, Virginia.

Ladewig, Howard W. and Vance Edmondson
1973 "Agricultural Program Aides--Why Not?" Journal of Extension. 6:11:34-40.

Leadley, Samuel M.
1968 "Organization Innovation in a Multi-county Development Region." Paper presented at the Annual Meeting of the Rural Sociological Society. Boston, Massachusetts.

Lessler, Kenand and Ronald E. Fox
1969 "An Evaluation of a Head Start Program in a Low Population Area." Journal of Negro Education. 38:1 (Winter):46-54.

Levine, Abraham S.
1966 "Cost-Benefit Analysis of the Work Experience Program: Research Strategy." Welfare in Review. 4:7 (August/September): 1-9.

Mandel, Nathan G.
1966 "Family Life Education in a Rural Community: A Brief Program." Journal of Marriage and Family. 28:4 (November):526-527.

Manpower Administration
1971 "The Impact of Five Rural Concentrated Employment Programs." Washington, D. C.: Office of Policy Evaluation and Research.

Marans, Robert W., B. L. Driver, and John C. Scott
1972 "Youth and the Environment: An Evaluation of the 1971 Youth Conservation Corps." Ann Arbor, Michigan: U.S. Department of the Interior, Michigan University Survey Research Center.

Marksman, Edwin A. Jr. and William A. Maeson
1973 "Evaluation of Research: A Case Study in Policy and Research Problems." Paper presented at the Annual Meeting of the Midwest Sociological Society. Milwaukee, Wisconsin.

Mauk, Warren S.
1975 "Galveston County 4-H Youth Development Project." Galveston, Texas: The Moody Foundation.

Mayer, Ralph E. and Robert E. Rieck
1967 "Evaluating the Unit Approach: FHD." Journal of Cooperative Extension. 5 :(Summer):101-109.

McDavid, John W.
1967 "Project Head Start Evaluation and Research Summary." Washington, D. C.: U.S. Office of Economic Opportunity, Project Head Start.

McIntyre, William James
1969 "An Evaluation of the Relative Effectiveness of Extension Work under Two Different Systems of Personnel Assignment in Selected Indiana Counties." Tallahasee, Florida: Florida State University (Dissertation).

Milkman, Raymond H., C. Bladen, B. Lyford, and H. Walton
1972 Alleviating Economic Distress: Evaluating a Federal Effort. Lexington, Massachusetts: Lexington Books.

Miller, Michael V. and James D. Preston
1972 "Community Conflict and Community Development: A Case Study of the Chicano Movement." Paper presented at the Third World Congress for Rural Sociology. Baton Rouge, Louisiana.

Miller. R. W.
1972 Approaches to University Extension Work with the Rural Disadvantaged, Description and Analysis of a Pilot Effort. Morgantown, West Virginia: University of West Virginia.

Mookerjee, Harsha N.
1973 "Multicounty Community Development: A Case Study." Paper presented at the Annual Meeting of the Rural Sociological Society. College Park, Maryland.

Neiswander, Bonnie A. and Marvin G. Weber
1969 "Conflict in Staticville: Mental Health in a Rural Community." Paper presented at the Annual Meeting of the Rural Sociological Society. San Francisco, California.

Noblit, George W. and Paul H. Radtke
1975 "Program Ideology Analysis: An Analytic Technique for Evaluation Research." Paper presented at the annual meetings of the Southwestern Sociological Association . San Antonio, Texas.

Norton, Robert E.
1970 "Coordination of Supportive Services for Vocational Education Students in Rural Areas. Final Report." Washington, D. C.: Office of Education.

Nowack, Dorothy Ruth
1972 "Evaluation of Health Program in Prince George's County Maryland." College Park, Maryland: University of Maryland (Dissertation).

Peace, Rural A.
1972 "Factors Associated with Tennessee County Extension Agent Dairy Educational Program Effectiveness. A Research Summary Graduate Study." Knoxville, Tennessee: Agricultural Extension Service, University of Tennessee.

Pearson, Dorothy Wiley
1972 "An Analysis of ESEA Title III Projects Funded as First Year Projects in Alabama in 1971-1972 to Determine the Relationship of the Evaluation of the First Year of the Project to the Objectives of 1972-1973 Year of the Projects." Montgomery, Alabama: University of Alabama (Dissertation).

Pfannstiel, D. C. and M. H. Starley
1968 "Extending Cooperative Extension Education to Mexican-American Families: Program, Methods and Evaluation." College Station, Texas: Texas Agricultural Extension Service.

Prince Edward Island New Start, Incorporated
1970 Human Resource Development in Prince Edward Island: Abstracts of Research. Montague, Prince Edward Island: Prince Edward Island New Start, Incorporated.

Ramsey, Charles and Mary Cloyd
1975 "An Evaluation of EFNEP (Expanded Food and Nutrition Education Programs) Side Effects." Journal of Extension. 8 (May/June):11-20.

Reddy, S. K.
1973 "Programs for Rural Development: A Comparative Study of Three Mississippi Multicounty Centers." Paper presented at the Annual Meeting of the Southern Association of Agricultural Scientists. Atlanta, Georgia.

Reid, R. A.
1975 "Simulation and Evaluation of an Experimental Rural Medical-Care Delivery System." Social and Economic Studies. 9:3-4: 111-119.

Rippey, Robert M.
1970 "The Research in the Community." School Review. 79:1 (November):133-140.

Rippstein, Raymond and James Schulze
1974 "You Can Do It," College Station, Texas: Texas A&M University Agricultural Extension Service.

RFD
1971 "Rural Family Development: Second Year Report, June 1971." Madison, Wisconsin: University of Wisconsin.

Ross, Peggy J.
1972 "Improving Nutrition in the Aged: An Evaluation of a Social Action Program." Mississippi State, Mississippi: Social Science Research Center, Mississippi State University.

Ross, Peggy J.
1974 "Research Evaluation and Social Demonstration Programs: The Case of the Food and Nutrition Program for the Ages." Paper presented at the Annual Meeting of the Sothern Association of Agricultural Scientists. Memphis, Tennessee.

Rossi, Peter H.
1967 "Evaluating Social Action Programs." Transaction. 4:7 (June):51-53.

Rossi, Peter H. and K. C. Lyall
1974 "Evaluation of Income Maintenance Experiment." Baltimore, Maryland: Johns Hopkins University.

Rossi, Peter H. and K. C. Lyall
Evaluation Study of the NJE. New York: Russell Sage Foundation. (Forthcoming).

Sellitiz, C. and E. Barnitz
1955 "Evaluation of Intergroup Relations Programmes." International Social Science Bulletin. 7:3:364-375.

Singh, Raghu N. and Howard L. Smith
1974 "On the Use of Delphi Method in Assessing Environmental Impacts of a Community Watershed Development." Paper presented at the Annual Meeting of the Rural Sociological Society. Montreal, Canada.

Smith, J. Vernon, Alvin L. Bertrand, Denver B. Hutson, and John A. Rolloff
1969 "Concerted Service in Arkansas: An Evaluation of Developmental Change." Washington, D. C.: Bureau of Research, Center Research and Development Report No. 6.

Smith, Marshall S. and Joan S. Bissell
1970 "The Impact of Head Start: The Westinghouse-Ohio Head Start Evaluation." Harvard Educational Review. 40:1 (February): 51-104.

Smith, R. C.
1971 "An Analysis of the Ffficiency and Equity of Manpower Programs." Washington, D. C.: Georgetown University (Dissertation).

Snook James Louis
1972 "A Case Study in Program Evaluation." East Lansing, Michigan: Michigan State University (Dissertation).

Sollie, Carlton R. and William W. Linder
1969 "Evaluation of Performance of Subprofessionals in Low-income Programs." Paper presented at the Annual Meeting of the Rural Sociological Society. San Francisco, California.

Street, Paul
1973 "What is the Impact of the Indigenous Paraprofessional Community Developers?" Lexington, Kentucky: University of Kentucky Bureau of School Services.

Stouss, Joseph H. and Lawrence Clinton
1973 "The Bureau of Indian Affairs, Adult Vocational Training Programs. Success by Whose Criteria?" Pp. 153-160 in The Territorial Minorities: Chicanos and Native Americans, Garza, Kruszewki, Arciniega (eds.). Englewood Cliffs, New Jersey: Prentice-Hall.

Therkeldsen, Paul and Phillip Reno
1968 "Cost-Benefit Evaluation of the Bernalillo County Work Experience Project." Welfare in Review. 6:2:1-12.

Thomas, Richard M.
1970 "Evaluation of Five Illinois Community Development Programs." Journal of the Community Development Society. 1:1 (Spring): 76-87.

United Nations
1962 Report of the Asian Seminar on Planning and Administration of National Community Development Programs: Bangkok, Thailand. New York: United Nations.

United States Department of Agriculture
1962 The Food Stamp Program: An Initial Evaluation of the Pilot Project. Washington, D. C.: USDA, Agricultural Marketing Service, Food Distribution Division.

Vaughn, Gerald F.
1972 "Evaluating a Community Development Institute." Journal of the Community Development Society. 3:1 (Spring):30-39.

Voth, Donald E.
1973 "An Evaluation of Community Development Programs in Illinois." Paper presented at the Annual Meeting of the Rural Sociological Society. College Park, Maryland.

Wallace, David
1967 "The Chemung County Evaluation of Casework Service to Dependent Multi-problem Families: Another Problem Outcome." Social Service Review. 41:4 (December):379-389.

Walther, R. H.
1968 "A Study of the Effectiveness of Selected Out of School Neighborhood Youth Corps Programs: Methodological Considerations in Evaluative Research Involving Disadvantaged Populations." Washington, D. C.: George Washington University, Social Science Research Group.

Weiss, Carol H.
1967 "Evaluation of In-service Training." Pp. 47-54 in Targets for In-service Training. Washington, D. C.: Joint Commission on Correctional Manpower and Training.

Wilkinson, Kenneth P. and Peggy J. Ross
1970 "Experiments in Social Welfare: An Empirical Evolution of the Mississippi Project." Mississippi State, Mississippi: Mississippi State University, Social Science Research Center.

Wrightstone, J. W.
1965 "Evaluation of the Higher Horizons Program for Underprivileged Children: A Summary." Washington, D. C.: U.S. Office of Education.

Zwick, Daniel I.
1972 "Some Accomplishments and Findings of Neighborhood Health Centers." Milbank Memorial Fund Quarterly. 50:4 (October): 387-420.

V. EVALUATIVE RESEARCH RESPONSIBILITIES

Abert, J. G.
1975 "Case Studies of Evaluation in Health, Education and Welfare." Washington, D. C.: George Washington University, Russell Sage Foundation.

Bereiten, C.
1962 "Some Persisting Dilemmas in the Measurement of Change." In Problems in the Measurement of Change, C. W. Harris (ed.). Madison, Wisconsin: University of Wisconsin Press.

Berk, R.
1974 "Evaluating Evaluations." Paper presented at Evaluation Colloquim Series. Evanston, Illinois.

Blenknner, Margaret
1950 "Obstacles to Evaluative Research in Casework." Social Casework. 31:2:54-60. (Part I): 31:3:97-105 (Part II).

Bogdon, Robert
1975 "Conducting Evaluation Research: Integrity Intact." Paper presented at the Annual Meeting of the American Sociological Association. San Francisco, California.

Borgatta, Edgar
1966 "Research Problems in Evaluation of Health Service Demonstrations." Milbank Memorial Fund Quarterly. 44:4:182-199.

Brown, L. Dave
1972 "Research Action: Organizational Feedback, Understanding and Change." Journal of Applied Behavioral Science. 8:6 (November/December):697-711.

Caplan, Eleanor K.
1970 "Opinions for Evaluation of Adult Education: Research or Subjective Judgement." Paper presented at the Adult Education Research Conference. Minneapolis, Minnesota.

Caro, Francis G.
1971 "Evaluation Research and Client Participation." Paper presented at the Annual Meeting of the American Sociological Association. Denver, Colorado.

Caro, Francis G.
1975 "Evaluative Researchers and Practitioners' Conflicts and Accomodation." Journal of Research and Development in Education. 8:3:55.

Clinton, Lawrence
1976 "Research Responsibility of the Evaluation Researcher: The ASA Code of Ethics as a Guideline." Paper presented at the annual meeting of the Southern Association of Agricultural Scientists. Mobile, Alabama.

Cooper, Homer C.
1970 "Administrator Versus Evaluator." Paper presented at the Annual Meeting of the Society for Applied Anthropology. Boulder, Colorado.

Cosby, Arthur G., G. Richard Wetherill, and Howard Ladewig
1976 "A Critique of Evaluative Strategies in Rural Development: Some Initial Comments and Observations." Paper presented at the Annual Meeting of the American Sociological Association. New York, New York.

Day, L. M., E. J. Brown and D. J. Epp
1973 "Rural Organizations and Services." University Park, Pennsylvania: Pennsylvania State University.

Deutscher, Irwin
1974 "Toward Avoiding the Goal-trap in Evaluative Research." Paper presented at the Annual Meeting of the American Sociological Association. Montreal, Canada.

Hammond, Robert L.
1968 "Planning and Implementing Title III Evaluations." Washington, D. C.: Division of State Agency Cooperation, U. S. Office of Education.

Herzog, Allen N. and Leonard R. Denton
1970 "New Start Action-Research Programs and Their Evaluation." Yarmouth, Nova Scotia: Nova Scotia New Start.

Herzog, Allen N. and Leonard R. Denton
1970 "Some Consideration for the Evaluation of New Start Action-Research Programs." Paper presented at the Meeting of Research Directors of New Start Corporations. Ottawa, Canada.

Kaufman, Herbert
1974 "The Political Ingredient of Public Health Services: A Neglected Area of Research." Milbank Memorial Fund Quarterly. 44:4 (October) 13-34.

Keys, Mildred Hibbard
1972 "Identification and Examination of Local Resources and Institutions Essential to Developing and Promoting Rural Community Interaction and Cohesiveness." Montgomery, Alabama: University of Alabama (Dissertation).

Myers, Albert E.
1970 "The Impact of Evaluative Research on Educational Programs for the Poor." Record. 71:3 (February):371-378.

O'Leary, Joseph T.
1954 "Organizational Study of Programme Analysis and Evaluation." Paper presented at the World Health Organization. Geneva, Switzerland.

O'Leary, Joseph T.
1974 "Community Response to Change in Natural Resource Policy and Management Stategies." Paper presented at the Annual Meeting of the Rural Sociological Society. Montreal, Canada.

Owens, Thomas R.
1968 "Suggested Tasks and Roles of Evaluation Specialists in Education." Educational Technology. 18:22:4-10.

Owens, Thomas R.
1968 "The Role of Evaluation Specialists in Title I and Title III Elementary and Secondary Education Act Projects." Columbus, Ohio: Ohio State University (Dissertation).

Patton, Michael Quinn
1974 "Parental Reaction to Educational Innovation in North Dakota: A Theoretical Perspective and an Empirical Assessment." Paper presented at the Annual Meeting of the Rural Sociological Society. Montreal, Canada.

Perry, Charles R. and Bernard E. Anderson
1975 "The Economic Impact of Manpower Programs on Minorities and Women." Pp. 347-381 in Career Behavior of Special Groups: Theory, Research and Practice, J. Steven Picou and Robert E. Campbell (eds.). Columbus, Ohio: Charles E. Merrill Publishing Company.

Provus, Malcolm
1969 "Evaluation of Ongoing Programs in the Public School System." Pp. 242-283 in Educational Evaluation: New Roles, New Means, Ralph Tyler (ed.). Chicago: National Society for the Study of Education.

Provus, Malcolm
1969 Discrepancy Evaluation Model: 1969. Pittsburgh: Pittsburgh Public Schools.

Rainey, Bill G.
1972 "Whatever Happened to Action Research?" Balance Sheet. 53:7 (April):292-295.

Rodman, Hyman and Ralph L. Kolodny
1965 "Organizational Strains in the Researcher and Practitioner Relationship." Pp. 93-113 in Applied Sociology, Alvin W. Gouldner and S. M. Miller (eds.). New York: Free Press.

Rosenberg, M. J.
1969 "The Conditions and Consequences of Evaluation Apprehension." Pp. 279-349 in Artifact in Behavioral Research, R. Rosenthal and R. L. Rosnow (eds.). New York: Academic Press.

Sadofsky, Stanley
1966 "Utilization of Evaluation Results: Feedback into the Action Program." Pp. 22-36 in Learning in Action, June L. Shmelzer

(ed.). Washington, D. C.: U. S. Government Printing Office.

Sharp, Laure M. and Rebecca Krasnegor
1966 "The Use of Follow-up Studies in the Evaluation of Vocational Education." Washington, D.C.: Bureau of Social Science Research.

Sill, Maurice L., Norman O. Simpkins, and Richard O. Comfort
1972 "Measurement in Neighborhood Development: An Effort at Exploring 'Scale' as a Frame of Reference for Local Level Development with Implications for Extension Evaluation and an Invitation for Further Discussion." Paper presented at the Annual Meeting of the Southern Association of Agricultural Scientists. Richmond, Virginia.

Stake, Robert E. and Terry Denny
1969 "Needed Concepts and Techniques for Utilizing More Fully the Potential Evaluation." In Educational Evaluation: New Roles, New Means, Ralph Tyler (ed.). Chicago: The University of Chicago Press.

Steele, Sara
1973 "Validity, Reliability and Appropriateness in Program Evaluation as Determined by Value to Adult Education." Paper presented at the Workshop on Evaluation. Montreal, Canada.

Stufflebeam, Daniel L.
1966 "A Depth Study of the Evaluation Requirement." Theory into Practice. 5:3 (June):121-134.

Stufflebeam, Daniel L.
1967 "The Use and Abuse of Evaluation in Title III." Theory into Practice. 6:3 (June):126-133.

Stufflebeam, Daniel L.
1968 "Evaluation as Enlightenment for Decision-making." Address delivered at Working Conference on Assessment Theory. Sarasota, Florida.

Vandevall, Mark and Ghosh Pradipk
1975 "The Context of Applied Social Research as an Impact Causing Variable in Organizational Policy Making." Paper presented at the Annual Meeting of the American Sociological Association. San Francisco, California.

Voth, Donald E. and Malcolm J. Martin
1974 "Evaluative Research and Community Development in Nonmetropolitan Communities." The Social Service Review. 48:3 (September): 431-434.

Voth, Donald E.
1975 "Problems in Evaluating Community Development." Journal of the Community Development Society. 6:1 (Spring):147-162.

Wholey, Joseph S.
1974 Federal Evaluation Policy. Washington, D. C.: The Urban Institute.

Williams, Walter and John W. Evans
1970 "The Politics of Evaluation: The Case of Head Start." Pp. 247-264 in Evaluating Social Programs, Peter Rossi and Walter Williams (eds.). New York: Seminar Press.

Williams, Walter
1972 "The Capacity of Social Science Organizations to Perform Large-scale Evaluation Research." Pp. 287-314 in Evaluating Social Programs, Peter Rossi and Walter Williams (eds.). New York: Seminar Press.

Wright, Charles R. and Herbert H. Hyman
1964 "The Evaluators." Pp. 121-141 in Sociologists at Work, Phillip E. Hammond (ed.). New York: Basic Books.

THE BOARD OF DIRECTORS OF THE SOUTHERN RURAL DEVELOPMENT CENTER

Mr. Sam H. Booker
Vice-President for Marketing
Alabama Power Company
600 North 18th Street
Birmingham, Alabama 35210

Dr. W. M. Bost, Chairman
Director of Extension
P.O. Box 5446
Mississippi State, MS 39762

Dr. Charles P. Ellington
Director of Extension
University of Georgia
Athen, GA 30601

Dr. Jarivs E. Miller
Director of Experiment Station
Texas A&M University
College Station, TX 77843

Dr. S. J. Parker
Dean, Division of Agriculture
and Technology
University of Arkansas at Pine Bluff
Pine Bluff, AR 71601

Dr. John L. Ragland
Associate Director of Extension
University of Kentucky
Lexington, KY 40506

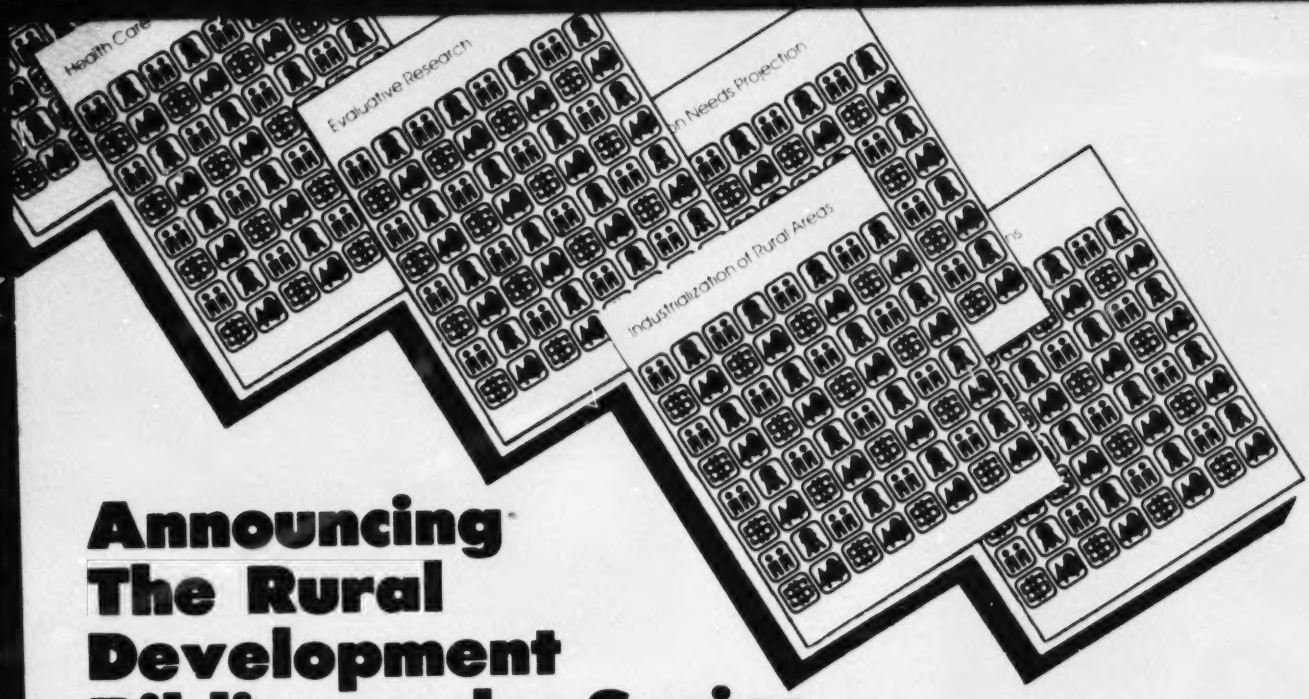
Dr. A. D. Seale, Jr.
Associate Director of Experiment
Station
Drawer ES
Mississippi State, MS 39762

Dr. John W. Sites
Dean for Research
Agricultural Experiment Station
University of Florida
Gainesville, Florida 32601

Dr. Winifred Thomas
Dean, School of Agriculture
and Environmental Science
Alabama Agricultural and
Mechanical University
Normal, Alabama 37562

THE FUNCTIONAL NETWORKS OF THE SOUTHERN RURAL DEVELOPMENT CENTER

Dr. Donald E. Voth Mr. William Bobber University of Arkansas	Citizen Participation in Rural Development
Dr. Arthur G. Cosby Texas A&M University	A Synthesis of Evaluative Research Literature for Rural Development
Dr. Burl F. Long Virginia Polytechnic Institute and State University	Inventory and Appraisal of Research Concepts, Methods, and Results in Land Use Issues
Dr. W. Arden Colette University of Florida	Small Farm Operations
Dr. Eldon D. Smith University of Kentucky	Industrialization of Rural Areas
Dr. R. David Mustain North Carolina State University	Health Care and Rural Development
Dr. Gerald C. Wheelock Alabama Agricultural and Mechanical University	Educational Needs Projection and Rural Development
Dr. E. Evan Brown University of Georgia	Impact of Governmental Transfer Payments on Human Resource Development
Dr. Michael S. Salkin Oklahoma State University	Community Services: a. Solid Waste Disposal b. Financing
Dr. Savannah S. Day Florida State University	Housing Research



Announcing The Rural Development Bibliography Series

ten valuable reference books bringing together hundreds of source material listings in

- **industrialization of rural areas**
- **evaluative research literature**
- **citizen participation in rural development**
- **solid waste disposal, financing**
- **impact of governmental transfer payments**
- **small farm operations**
- **land use issues**
- **health care**
- **educational needs projection**
- **housing**

A comprehensive presentation of recent works in these priority areas of rural development. These bibliographies will be available as they are printed from the

Southern Rural Development Center
Box 5406
Mississippi State, Mississippi 39762

☐ **Please send me (when available) these volumes:**

___ Rural Industrialization $5.00
___ Citizen Participation 5.00
___ Solid Waste Disposal 3.00
___ Small Farms 3.00
___ Evaluative Literature 3.00

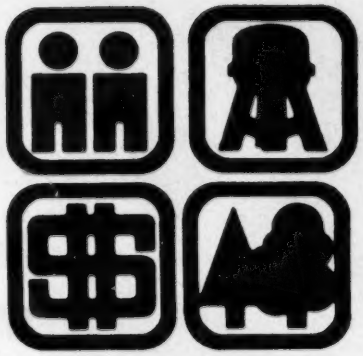
___ Land Use Issues *(to be priced)*
___ Health Care
___ Educational Needs Projection
___ Governmental Transfer Payments
___ Housing

$_____ enclosed _____ bill me

☐ **Please send me the entire series**

_____$25 enclosed _____ bill me

The SRDC is one of four regional rural development centers in the nation. It coordinates cooperation between the Research (Experiment Station) and Extension (Cooperative Extension Service) staffs at land-grant institutions in the South to provide technical consultation, research, training, and evaluation services for rural development. This publication is one of several published by the Center on various needs, program thrusts, and research efforts in rural development. For more information about SRDC activities and publications, write to the Director.



Southern Rural Development Center
Box 5406
Mississippi State, MS 39762

The Southern Rural Development Center is an Equal Opportunity Organization providing research, educational information, and other services only to individuals and institutions that function without regard to race, color, sex or national origin. SRDC is an Equal Opportunity Employer.

SRDC Series No. 2

August 1977